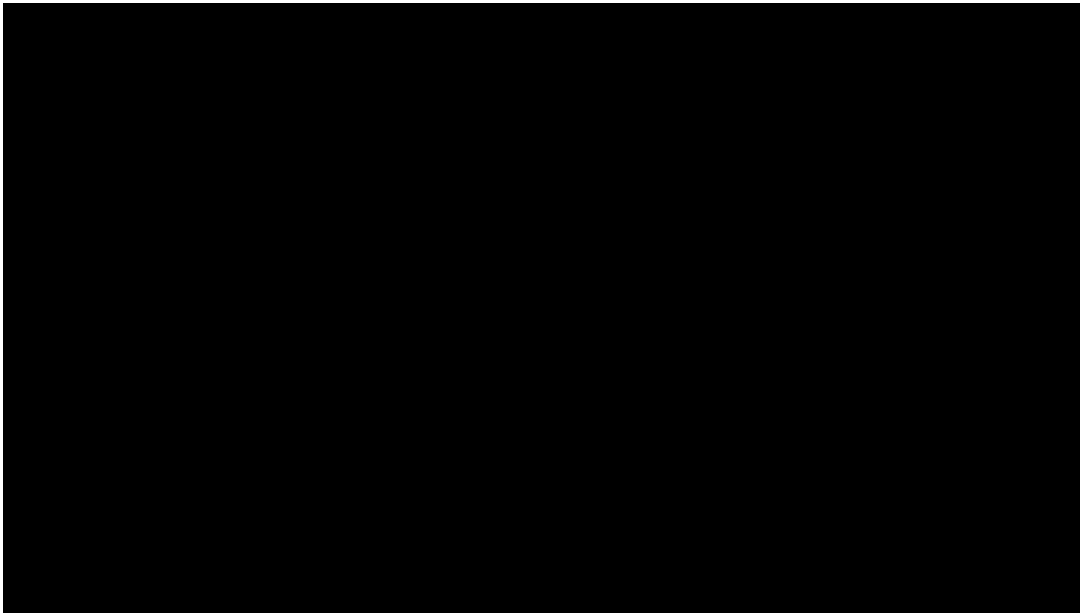


Massey Ferguson 135 Tractor Questions Tractor Specifications



- How Many Gallons of Hydraulic Fluid for a 135 Massey Ferguson?
- How Much Can a Massey Ferguson 135 Lift?
- How Much Horsepower Does a Massey Ferguson 135 Have?
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- When Did Massey Ferguson Start Making the 135
- Will an International 2000 Loader Fit a Massey Ferguson 135?

How Many Gallons of Hydraulic Fluid for a 135 Massey Ferguson?

A Massey Ferguson 135 tractor will require at least 8 gallons OR 30.3L of hydraulic fluid. Massey Ferguson recommends SAE 10W- 30. mineral oil for the hydraulic system, rear axle, and transmission. This type of oil is available in most tractor supplies stores. This is available in two-gallon jugs and you need FOUR jugs to fill a 135 Massey Ferguson.

Don't settle for other types of oils since other poor quality oils are thinner and will eventually leak as the seals are not made to handle lighter-weight transmission fluids. To use this type of mineral oil, you must remove the old oil from the drain plugs.

The plugs are found under the hydraulic pump, differential housing, and transmission. Usually, debris and water collect in some areas, and removing or draining the oil from all three plugs will make sure that all the debris and water are removed as well.

A part of regular tractor maintenance is transmission oil level checks. If you find that you have low transmission oil, add new oil right away. According to the Massey Ferguson 135 tractor maintenance guide, oil level checks must be done daily or every 10 hours if you use your tractor more frequently.

How Much Can a Massey Ferguson 135 Lift?

Well, any tractor owner would want to know that so they can see whether the equipment is efficient and useful enough for a daily task. It is just

fortunate that this tractor is strong enough to lift a heavy load.

Massey Ferguson 135 has optional diesel or gasoline engines that generate 45.5 HP. With its bulky composition, this model can lift a maximum of 3810 pounds. The model uses 3-point hitch components. Also, there is a subjective adjustment that can considerably boost the lifting capacity of the tractor. The adjustment is performed right on the “draft bump-stop screw”.

The 3-point pitch system of the Massey Ferguson 135 generates a PTO output. This gives users the advantage as they can hook up a large array of attachments to the tractor. This means that tractor owners can maximize the usage of their equipment. The Massey Ferguson 135 brings genuine efficiency and incredible output to whatever size of farm. A tediously loaded trailer can be hooked effortlessly. Behind the solid dimensions of the tractor and its incredible styling, the popular Massey Ferguson 135 tractor is strong and amazingly powerful!

How Much Horsepower Does a Massey Ferguson 135 Have?

There are several reasons why a Massey Ferguson 135 is appreciated by many farmers. Aside from its built and design, its performance is never a question. The Massey Ferguson 135 has optional diesel or gasoline engines that generate 45.5 horsepower as its maximum power output.

This tractor also weighs 3810 pounds. The MF135 exhibits a category 1 three-point hitch that has a proven PTO of 37.82 horsepower.

The hulking 45.5 horsepower engine has a lot of potential for daily farming works. It is sufficient pulling power for a heavy range of tasks. You can say that this tractor is reliable even by simply knowing its power output. It can never let you down. Massey Ferguson 135 is an industrial tractor that is equipped with parts that are responsible for its plausible image.

With its impressive horsepower, MF135 can be recommended even if the job requires a lot of heavy pulling. You can be certain that the tractor is powerful enough to carry the load. You can also have the assurance that the tractor is equipped with superior parts that do not easily deteriorate even if the job would seem to be very exhausting.

How to Tell Massey Ferguson 135 Gas Engine

The Massey Ferguson 135 gas engine was manufactured between the years 1964 and 1975, being a successor of the earlier Massey Ferguson 35 tractor. It rose to its own fame and was acknowledged as a popular tractor model under the 100 series. In order to tell whether the tractor that you own is a Massey Ferguson 135 gas engine, you can check the serial number on the instrument panel which is just located right beneath the steering column. On some tractor models, the serial number may also be found at the right part of the engine, just below the battery tray.

One thing that you need to know is that the Massey Ferguson 135 tractor comes in both gas and diesel engine options. Here are some things that you can check:

1. Look at the label, which is usually located on the fuel door, or at the neck of the fuel filler.
2. A label will either say ‘Diesel’ only, or ‘Gasoline’ only, or wordings that are similar.
3. When getting a second-hand tractor, there is a possibility of the label peeling off. You may then contact the support line of the manufacturer and you will be provided information regarding your tractor requirements.

Massey Ferguson 135 Serial Number How to Read?

The Massey Ferguson 135 serial number lists roundly always indicate the first built tractor in every year. The other units for that particular year shall have sequential higher numbers. The serial number should be seated between two of the mentioned numbers.

Similar to other automobiles, tractors are built on a production year or model. The latest production normally begins around September, thus, a tractor that was built in October 1955 may have been considered as a 1956 model. The serial numbers on Massey Ferguson 135 nearly always exhibit the production year and not the actual period the unit was built. Generally, this information is more helpful since significant alterations could have been done to a certain model at the beginning of the year of the production and not on the 1st of January.

When reading the serial number of your Massey Ferguson 135, make sure that you will not confuse a 1 for a 7, or vice versa. Also, see to it that read the whole number. Your tractor’s serial number could tell you significant information about its built. Other than knowing where to find it, you should also learn how to read it.

Massey Ferguson 135 What Size Starter Mounting Bolts

The Massey Ferguson 135 requires a specific size for a starter mounting bolt. For this particular tractor model, the required starter mounting bolt is a 12-volt start that comes with a drive. The overall length reaches 12.5 inches and a diameter of 4 inches. It also comes with 2 bolt center-to-center and comes with a size of 4.25 inches. It is designed to fit with a 3-cylinder Perkins engine.

The starter mounting bolt is a very important component of a Massey Ferguson 135 tractor model, especially with the starter motor. If it is not engaging properly, there might be a need to replace it right away. The starter motor refers to a pneumatic, electric, or hydraulic device that is used in rotating the internal combustion engine of the tractor. In bigger engines, the motor also serves as the internal combustion engine.

The starter motor is started with the ignition key, with the motor draws electric current using the battery. With this, the starter mounting bolt is

important to complete the process of ignition. The ignition will be quickly turned on and off. A faulty starter mounting bolt will not function properly, and thus should be replaced right away.

Massey Ferguson Tractor 135 How Much Is It Worth?

The Massey Ferguson 135 tractor was originally worth \$4,385. It is a utility tractor manufactured from 1964 to 1975 but despite its age, it is still one of the most reliable and one of the most trusted tractors in most farms and homesteads.

Nothing can match the value of the MF 135 especially when it comes to its powerful 45.5 horsepower engine and 33 horsepower drawbar. It is a versatile tractor that's available in Deluxe premium, Special economy, and Industrial type tractor models.

It's a tractor that will help you work more efficiently and more diligently. It possesses a 4×2 chassis with a 2-wheel drive design. You can choose from power or manual steering or 6, 8, and 12-speed partial power shifts. Meanwhile, used Massey Ferguson 135 tractors are also available for sale or auction online. A used gas-powered 1967 Massey Ferguson 135 is priced at \$4,000 while a used Continental gas-powered Massey Ferguson 135 is priced at \$4,900.

If you plan to sell your Massey Ferguson 135 tractor, make sure that you provide regular maintenance. Always remember that a well-maintained tractor will give you more years of use and will be more valuable in the future.

What Battery Do I Need for a 135 Massey Ferguson

The battery required for a 135 Massey Ferguson tractor is a 95 AH 12-volt battery. Because batteries are not really rated specifically that way, you would need 228 reserve minutes, with a 25 amps load. You may also measure the battery box, and get the highest rated battery that will fit inside the box. Note that as a general rule of thumb the more overrated your battery for the tractor will be, the longer it is expected to last. Most likely, you can get a battery under the #4 line, which is not a usual battery for a car or a truck.

Regardless of the brand, a good battery for a 135 Massey Ferguson is designed with the highest specifications, making them highly dependable and durable, with the capacity to withstand even the most grueling workload that is usually expected out of modern-day tractors such as the Massey Ferguson 135 tractor model.

It is still recommended to check the specific year model of your Massey Ferguson 135 tractor because the original batteries were relatively small in amperage than in modern standards. For example, a 1964 135 Massey Ferguson tractor can run well with a 650 CCA car battery, with a 12V, negative ground.

What Does a 1968 135 Massey Ferguson Diesel Weigh?

1968 135 Massey Ferguson diesel tractor comes with a 45hp 2.5 Liter Perkins AD3, 152 three-cylinder diesel engine. It features a weight of 3,565 to 3,810 pounds, or 1,617 to 1,728 kg. This tractor model was manufactured under the Massey Ferguson brand. It was the very first under this name to be a feature in the 100-range series.

Even down to this day, the 1968 Massey Ferguson tractor is still being inquired as to a second-hand tractor because of its features, especially in developing countries. One of the reasons for its popularity is its simple and basic mechanical construction, along with a high familiarity and dependability among farmers.

The Massey Ferguson 135 tractor was a 2WD model, with a gearbox that features 6 forward and 2 reverse gears, along with a mechanical clutch. Versions that came later features an 8-speed transmission. It also comes with a multi-power choice that offers 12-forward and 4-reverse gears, along with a hydraulic clutch.

This tractor is among the best values within the 30 to 40 horsepower range. It is also amazingly dependable, which is expected with a diesel Perkins engine, which is also optional of a gasoline engine.

What is a Massey Ferguson 135 Orchard Tractor?

A Massey Ferguson 135 Orchard Tractor is an all-around utility tractor, a part of MF's 100 series. It was released from 1964 to 1975 with an original price of \$4,385. There are three variants of this popular Massey Ferguson tractor: the 135 Deluxe which is the premium model, the 135 Special which is the economy model, and the 2135 industrial-type tractor. The Massey Ferguson 135 has a 45.5 horsepower engine with a 33 horsepower drawbar. It is available in a 2.5L 3-cylinder Perkins diesel engine, a 2.4L 4-cylinder Continental gasoline engine, and a 2.5L 3-cylinder Perkins gasoline engine.

This tractor has 4×2 2-wheel drive chassis, manual and optional power steering, and safe mechanical drum brakes. The operator cab has an open-style station and is not as high as other tractor cabs.

The Massey Ferguson 135 has two large rear tires at 12.4/11–28 size and smaller front tires at 5.50–16 dimensions. The 135 has a single rear type hitch with a rear lift capacity of 2,850 pounds. This tractor is called an orchard tractor as it is commonly found in farmlands and orchards. Operators can gently move between fruit-bearing plants and trees and complete all kinds of farm tasks and activities.

What Kind of Hydraulic Fluid Do I Need for a 1967 Massey Ferguson 135 Tractor?

A Massey Ferguson 135 tractor needs a specific type of hydraulic fluid called the Permatran 821XL SAE 10W-30 type. This type of oil is the best type of oil as it helps maintain your transmission system and ensures that your engine works at optimum efficiency.

This tractor has a transmission capacity of 8 gallons or 30.3 liters. Massey Ferguson recommends that you check the transmission oil levels before and after you fill the chamber up. After the procedure, you should also make sure that you write down the date and create a schedule of your transmission oil changes.

Massey Ferguson recommends transmission oil level checks. New oil should be added when the level is very low. Oil checks should be performed daily or every 10 hours if you use your tractor more often. A part of yearly maintenance of this type of tractor is installing a new hydraulic filter. After installing this new component, you should fill the chamber with the fresh transmission or hydraulic oil.

If you're not sure how to change your tractor's hydraulic filter, have it serviced by a professional or a specialist. Always use genuine transmission oil on your Massey Ferguson 135 tractor.

What Kind of Power Steering Fluid Goes in a Massey Ferguson 135?

According to the operator's manual of the Massey Ferguson 135 tractor model, the power steering fluid designed for this model is automatic transmission fluid, Type A, or non-foaming hydraulic fluid. The automatic transmission Fluid, Type A, power steering fluid is typically red in color. While there are generic hydraulic fluids currently available, it is very important to avoid mixing together incompatible liquids in the fluid reservoir.

If you end up using the wrong power steering fluid, you can stay on the safe side by flushing it out. If the power steering fluid is wrong, it could get inside the entire system when starting the engine and may damage the power steering rack. You can take advantage of power steering flush products or even purchase extra fluid in order to flush everything out. The process of flushing the power steering system completely requires knowledge of the procedure and could be messy. For this reason, it is recommended to have somebody give you the assistance that you need, or seek the help of a professional. The low-pressure return hose should be disconnected, directed into a drain pan. After, the engine should be started, with the steering wheel turned in both directions. This process will pump the old fluid right into the drain pan.

What Makes a 135 Massey Ferguson Hard to Prime?

There are times that we encounter some concerns on our Massey Ferguson 135 and we want to figure out why such a thing happens. One thing that you may have encountered is the difficulty of prime on your tractor. There could be several reasons why your 135 Massey Ferguson is making a difficult prime. Below are the common contributors when it comes to priming issues on a tractor:

Defective fuel lines Clogged filters Deteriorated steel lines in the tank Defective hand primer pump Defective valves in a feeder pump

When you experience difficulty in priming your Massey Ferguson 135, consider mounting a 1-way valve in the electric fuel pump. You should confirm whether you have a slight leak in your tractor's fuel system.

Furthermore, you can try pressurizing the fuel tank with certain extremely low PSI compressed air and check for leaks. You may consider sprinkling a baby powder on the connections and lines. Any leaking or weeping will occur in the powder.

Although traditional tune-ups are not required on a diesel-type engine, it is still advisable to do regular maintenance on the fuel filters. Regular supervision of the tractor is crucial for the beneficial performance of the injection system.

What Rims Will Fit Massey Ferguson 135?

Typically, the 14.9 x 24 rims can do fine since they are suited as standard on a Massey Ferguson 135. You can think your rims to be similar to a deep well and deep well rims are not really easy to find. The standard rim of MF135 is 28-inch with an available wider option that is 24-inch although nearly all Massey Ferguson 135 has 28-inch rims.

You may consider using rims other than the standard rims of M135 but make sure that they could fit your tractor. Otherwise, you will be prejudicing the performance. The following are the lists of rims that could fit on Massey Ferguson 135:

10-inch by 28-inch 4 Rail Rear Rim 10-inch by x 28-inch 6 Loop, Rear Rim 11-inch by 28-inch 4 Rail Rear Rim 11-inch by 28-inch 6 Loop, Rear Rim 4.5-inch by 16-inch Front Wheel Rim Wheel Rim Front, 450-inch by 16-inch Rear, 9-inch by 28-inch Wheel Rim, Rim Size: 10-inch by 32-inch

Any of the above rims can be used as a substitute to the original rims of Massey Ferguson 135. For rims that are not listed above, make sure that they could fit the MF135 before you purchase it.

What Size Diesel Engine Does a 135 Massey Ferguson Have

The Massey Ferguson 135 tractor model is considered a successful model with low maintenance. It is also regarded as among the most popular tractor models under this brand and is favored by classic and vintage enthusiasts. This industrial tractor is also fitted with using the Perkins 2.5 Liter

3-cylinder diesel engine.

Other features also include a gross power of 45.5 horsepower or 33.9 kW. At the same time, the weight of the Massey Ferguson 135 is 3,565 to 3,810 pounds or 1,617 to 1,728 kg. When it comes to the hydraulic system, the Massey Ferguson 135 uses the advanced hydraulic system, along with a 3-point hitch, which combines together hydraulic mechanisms and mechanical linkage for controlling the implementing operation. This tractor also features a multi-power transmission which offers 12 forward and 4 reverse speeds. This range of speed offers better efficiency across a variety of operations. It even offers a shift-on-the-go feature.

At the same time, this model comes with a fuel tank capacity of 10.2 U.S. to 8.3 Imp. Gallons. This capacity is huge enough for longer farming work, which is why there is no need to refuel frequently though it is important to check the level of fuel, filling if needed.

What Size Front Tires Will Fit my Massey Ferguson 135?

If you want to maximize the efficiency of your Massey Ferguson 135, you have to use the right size for the front tires. Essentially, they should fit your tractor, Otherwise, you will only waste your money,

You can actually use various tire sizes ranging from 10 by 28 to 14.9 by 28 for your Massey Ferguson 135. The distinctions are primarily in the amount of speed for fertilizing and spraying. Thus, you should consider your purpose of using the tractor when deciding on the size of your front tires.

Tires with bigger sizes can accommodate more ground at similar rpm. Tires in 14.9 by 28 size allocate the rear end a bit inches higher, offering a nose-down appearance and a slightly minimal ground pressure for use on soft ground.

You may also consider running a 6.50 by 16 tire on the front tires. They are 6-ply however they can manage around 100 pounds or more for each tire. Commonly, it is the steer belts that become an issue in radial tires once they get fractures. The steel belts also get corroded if often wet,

What Size Fuse Needed for Massey Ferguson 135?

So, what is the size of the fuse in Massey Ferguson 135? You should understand that the circuit's load has nothing to do with the size of your tractor's fuse. Rather, the size of the fuse is established about the smallest wire in the circuit.

For your Massey Ferguson 135, the size of its fuse is at least 125 percent of the load but should not go beyond the wire's ampacity rating. But why should you stick with the right fuse size? For instance, if your equipment carries 20 Amps and uses a 25-amp fuse and #14 wire (the rating of #14 wire is 15amps) and as you operate your equipment, it is expected that the wire is heated and eventually scorch through insulation, and could even lead to a fire.

Likely, with similar loads of 20 amps, the same 25-amps fuse but uses #10 wire (the rating of #10 wire is 30amps, you might notice that everything is working fine until such time that there would be an internal shortage in the load. With your Massey Ferguson 135, this will be the 400–600 amps and could right away blast the fuse and result in fire.

What Type Fittings Are Used on Massey Ferguson 135 Steel Power Steering Lines

The Massey Ferguson 135 model is a tractor that was produced under a company bearing the same name, Massey Ferguson. It became the first model to be introduced under the MF100 lineup and became the successor of the MF35 model.

When it comes to dealing with the power steering lines of the Massey Ferguson 135 model, it is very important to use the right type of fittings that will do the job. The Massey Ferguson comes with fittings of a 45hp 2.5-liter Perkins AD3.152 3-cylinder diesel engine.

There are also alternatives, including the Perkins AG3.152 petrol fitting variant. This tractor comes with a 2-wheel drive, while the gearbox is equipped with six forward and two reverse gears. The later versions of this vehicle also came equipped with an eight-speed transmission, and a multi-power option that gives a total of 12 forward, and 4 reverse gears, along with a hydraulic clutch.

With most applications for the Massey Ferguson 135 steel power steering lines, a new pressure hose is required to be prepared for a 5/8–18-inch inverted flare type fitting. Check out the manufacturer's information for more specific details on fittings requirements.

What Year Was My Massey Ferguson 135 Made?

The Massey Ferguson 135 tractor is one of the most popular utility tractors. It was released by the manufacturer in 1964 and was built until 1975. If you have a Massey Ferguson 135 and you would like to know when it was made, you must locate the serial number to find out. The serial number of a Massey Ferguson 135 is located on the tractor's instrument panel just below the steering column. Another place where you can find the serial number is on the right side of the tractor engine, just below the battery.

Here are serial numbers and the corresponding year when the tractor was assembled: • 1964 – 641000001 • 1965 – 641001909 • 1966 – 641014871 • 1967 – 9A10001 • 1968 – 9A39836 • 1969 – 9A63158 • 1970 – 9A87325 • 1971 – 9A107519 • 1972 – 9A128141 • 1973 – 9A152025 • 1974 – 9A182761 • 1975 – 9A207681

The Massey Ferguson 135 was manufactured in MF's top assembly facility in Detroit, Michigan, U.S.A. In 1975, the price of the 135 was \$4,385. Now, a good quality, well-maintained Massey Ferguson 135 is sold for \$5,000 or higher.

This utility tractor is available in three engine types. The 2.5L 3-cylinder Perkins diesel engine, the 2.4L 4-cylinder Continental gasoline engine, and the 2.5L 3-cylinder Perkins gasoline engine.

What Years Did Massey Ferguson Manufacture the Model 135 Tractor?

The Massey Ferguson model 135 tractor was manufactured from 1964 to 1975. It is a utility tractor that was part of Massey Ferguson's 100 series tractors. The 135 tractor is a powerful, efficient, and versatile tractor manufactured and assembled in Massey Ferguson's plant in Detroit, Michigan. When it was released in 1975, it was around \$4,385.

The Massey Ferguson 135 had three models: one is the premium 135 Deluxe, the economy 135 Special, and the industrial tractor model 2135. These three variants come with a powerful 45.5 horsepower engine and a 33 horsepower drawbar. The efficient and reliable Massey Ferguson 135 engines come in 2.5L 3-cylinder Perkins diesel, 2.4L 4-cylinder Continental gasoline engines, and the 2.5L 3-cylinder Perkins gasoline engine.

You can choose from 6, 8, and 12-speed partial lower shift transmission models and manual and power steering. This is a tractor with a single rear-type hitch that's capable of lifting to 2,850 pounds. Meanwhile, the front-end loading system of this tractor allows you to add a variety of attachments like a 225 loader with bucket dimensions of 40 x 130 inches. The Massey Ferguson 130 tractor may have been manufactured more than 40 years ago but it remains one of the most popular and dependable tractors.

When Did Massey Ferguson Start Making the 135

The production of the Massey Ferguson 135 tractor started in 1964 and continued production until 1975. Afterward, it was succeeded by the production of the Massey Ferguson 235. This tractor became the very first creation under the MF100 range. Several hundred thousand units were produced and became counted as among the most popular tractors at that time.

Even in the 21st century, the Massey Ferguson 135 is still being sought after, now in the second-hand market, because of its demand, especially in developing countries. Down to this day, it is still a preferred model because of its simple mechanical construction, as well as high dependability at work. It is also praised because of farmers' familiarity. The Massey Ferguson 135 model is fitted commonly with a 45hp 2.5L Perkins AD3.152 3-cyl diesel engine. There are also alternatives, including the Perkins AG3.152 petrol variety, as well as a 37hp 4-cyl continental petrol tractor engine that is commonly used in the US. The tractor came in the form of a 2 wheel drive, with the gearbox having 6 forward, with 2 reverse gears, and a mechanical clutch. Those that were produced after 1970 were equipped with 8-speed transmission.

Will an International 2000 Loader Fit a Massey Ferguson 135?

Many people are curious to find out whether they could utilize an international 2000 loader for their Massey Ferguson 135. Well, the answer is yet since these loaders can be designed to fit the said tractor. However, it would be good to note that some modifications might be done.

The international 2000 loader can fit a Massey Ferguson 135 based on the latter's stature and size. These loaders are very popular; however, you may need to create your brackets. As a general rule, the international 2000 loader is devised with a single bracket kit and this is the one allocated for the tractor which the owner planned to mount it on. Hence, you may need to customize a bracket to make this loader suitable for the Massey Ferguson 135.

Before opting to fit the international 2000 loader to your MF135, run a certain 1/2-ft by 6-ft flat iron from the holes of the bolt in the front tip part back to the holes of the bolt in the clutch housing. By doing so, you can make sure that the MF135 is tied together. Else way, you might damage the cover of the timing gear.

What trans fluid should I use in Massey Ferguson 135?

Oct 30, 2015 / What trans fluid should I use in Massey Ferguson 135?

#1

1972 MF 135 diesel with 8 speed (no multi power) - what trans fluid (budget is a concern) should I use? And what would Tractor Supply carry that would work for me? I'm more likely to do that than to locate a Massey Ferguson dealer locally to buy pails of oil.

Also, I'm not set up with a shop currently - the tractor is at my permanent home, which was damaged by fire, and will be demolished soon, and replaced with a new house over this winter. I'm wondering what recommendations anyone can give me for changing out the fluid. How in the heck do I deal with, what, 8 gallons of fluid? That sounds crazy to me - 8 gallons - I can't see myself carrying tubs of oil (and perhaps some water) sloshing all around... I guess I can cut up a plastic barrel to have some big tubs to work with.

I'd rather learn from the pros before I guess my way through this one!

Scott in Brighton NY

Oct 31, 2015 / What trans fluid should I use in Massey Ferguson 135?

-

#2

You don't need the fancy stuff because you don't have wet brakes, hydrostatic shifter, hydrostatic steering and on and on. JD 303 hydraulic/tranny fluid spec on the can will t a

Scott in Penfield NY

Hydraulic/transmission/differential oil MF-135 - Massey Harris & Massey Ferguson Forum

[View previous topic](#) :: [View next topic](#) [Author Message](#) [Bart](#) [CARegular](#)

Joined: 22 Aug 2008 Posts: 222

[Report to Moderator](#)

▢ Posted: Sun Nov 22, 2009 9:13 am Post subject: Hydraulic/transmission/differential oil MF-135 [reply](#) [quote](#) I saw here and there on this forum suggestions to put engine oil 10W40 or 20W50 in the trans/diff/hyd

How good it is with Multi-Power and independant PTO which uses clutch packs same type as cars/trucks automatic transmissions.

Does engine oil have appropriate pressure/friction handling properties for MP and IPTO clutches.

Thanks

Bart

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[profile](#)

Jeff Z. Tractor Expert

Joined: 21 Dec 2007 Posts: 2604

[Report to Moderator](#)

▢ Posted: Sun Nov 22, 2009 10:26 am Post subject: Re: Hydraulic/transmission/differential oil MF-135 [reply](#) [quote](#) As far as oil goes the new Hyd-Trans {Combination transmission/hydraulic oil} should work fine. Take to you dealer about it. [Back to top](#)

[profile](#)

135 FanGuest

[Report to Moderator](#)

▢ Posted: Sun Nov 22, 2009 10:35 am Post subject: Re: Hydraulic/transmission/differential oil MF-135 [reply](#) [quote](#) Use MF Perma-Tran for the best performance. It's cheap insurance considering it doesn't need to be changed as often as engine oil. I've never seen it suggested on here to use engine oil before. Using engine oil or any other oil than the Perma-Tran is asking for trouble. I've used another TDH fluid because I was in a pinch but it did not work as well as the MF Perma-Tran. I replaced that fluid with Perma-Tran and immediately noticed better performance with the hydraulics. Dave [Back to top](#)

Gerald J. Guest

[Report to Moderator](#)

▢ Posted: Sun Nov 22, 2009 10:57 am Post subject: Re: Hydraulic/transmission/differential oil MF-135 [reply](#) [quote](#) My MF-135 owner's manual calls for M-1129 or 1129A for the rear assemblies. Many general purpose oils claim to meet that specification.

Gerald J.

[Back to top](#)

Jerry/MT Tractor Guru

Joined: 22 Jul 2003 Posts: 10636

[Report to Moderator](#)

▢ Posted: Sun Nov 22, 2009 7:17 pm Post subject: Re: Hydraulic/transmission/differential oil MF-135 [reply](#) [quote](#) Using engine oils in the transhydraulic systems on the TO-20 and -30 is OK but not where you have wet clutch packs, etc. Use the oil your owners manual recommends. The TO-20/-30 just need to operate hydraulics and lube gears so it's acceptable to use engine oils there. The recommendation comes from someone who contacted Castrol in England where GL-1 oils are no longer available. [Back to top](#)



135 FanGuest

Report to Moderator

▢ Posted: Sun Nov 22, 2009 11:08 pm Post subject: Re: Hydraulic/transmission/differential oil MF-135 M1129 and 1129A supercede to Perma-Tran. For a little more money, use the Perma-Tran and be done with it. Dave Back to top

SuperturbodieselRegular

Joined: 20 Oct 2007 Posts: 87 Location: Upstate NY

Report to Moderator

▢ Posted: Mon Nov 23, 2009 12:32 am Post subject: Re: Hydraulic/transmission/differential oil MF-135 Bart CA wrote: (quoted from post at 18:13:32 11/22/09) I saw here and there on this forum suggestions to put engine oil 10W40 or 20W50 in the trans/diff/hyd.

Yeah, they probably do. But, from stupid people come those "stupid suggestions".

How good it is with Multi-Power and independent PTO which uses clutch packs same type as cars/trucks automatic transmissions?

NOT GOOD AT ALL, as it can lead to premature wear, slipping, and overall poor performance.

Does engine oil have appropriate pressure/friction handling properties for MP and IPTO clutches?

NO, and the heavy detergents and other incorrect additives found in motor oils can cause various other problems... not to mention incorrect viscosity, leading to thermal breakdown in high temperature & pressure conditions, or flow issues that can lead to pump starvation and cavitation in very cold weather.

Thanks

Bart

So Bart, to summarize...

NO, NO, NO, NO, NO, NO, NOOOOOOOOOOOOOO!!!!

NEVER USE any grade of MOTOR OIL IN YOUR "modern" TRANSMISSION / HYDRAULIC SYSTEMS!!!!

USE TDH (Transmission, Differential & Hydraulic Fluid) with the MF "Permatran III" spec ONLY!!!! "Universal" TDH fluids are fine as long as they meet the MF spec. Look on the bucket/jug. It should list the specs that are met or exceeded. Be careful, and READ! John Deere's "Hy-Gard" is a premium product and is fine to use and intermix, as is CaseIH's "Hy-Tran".

Do NOT use straight "Hydraulic Fluid" either.

This isn't rocket science people, but an awful lot of people screw it up! There's a LOT of BAD information and poor opinions from UNEDUCATED people on these forums. Listen to me. I'm college educated, grew up farming and running all types of equipment, and I am a professional mechanic. I KNOW WHAT I'M TALKING ABOUT, and I'm not one to run my mouth when I don't know something for certain.

From what I'm reading, DAVE (aka: "135 Fan") also knows what he's talking about on here.

Good luck and god bless, ~ AJ

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Texas BluesRegular

Joined: 05 Mar 2009 Posts: 64

Report to Moderator



▢ Posted: Tue Nov 24, 2009 3:28 pm Post subject: Re: Hydraulic/transmission/differential oil MF-135 LOL super, you forgot to tell him not to be a "cheap jew" and buy the right oil. Lighten up man, folks just asking questions here. Nobody here is the end all "KNOW IT ALL", but we may have just found the guy. TB Back to top



richardinnzLong Time User

Joined: 15 Jun 2007Posts: 623

Report to Moderator



▢ Posted: Wed Nov 25, 2009 3:36 am Post subject: Re: Hydraulic/transmission/differential oil MF-135   Page 67 operator instruction book Massey - Ferguson 135. Part number 819263 M1 Below 30F SAE 30 ENGINE OIL. 30 to 80F SAE 40 ENGINE OIL. Over 80F SAE 50 ENGINE OIL. BRITISH ISLES all seasons Tractor oil universal. A footnote says the Universal oil can be used in other territories in the temp range of 30 to 80F only. Back to top

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SuperturbodieselRegular

Joined: 20 Oct 2007Posts: 87Location: Upstate NY

Report to Moderator

▢ Posted: Wed Nov 25, 2009 8:51 am Post subject: Re: Hydraulic/transmission/differential oil MF-135   Texas Blues wrote: (quoted from post at 00:28:56 11/25/09) LOL super, you forgot to tell him not to be a "cheap jew" and buy the right oil. Lighten up man, folks just asking questions here. Nobody here is the end all "KNOW IT ALL", but we may have just found the guy. TB

Texas Blues,

That was only a comment. Naturally, there had to be some arse (you) that would make a mountain out of a mole hill. 😞

So, let me rephrase for political correctness: "Don't be a cheap skate when buying the correct trans/hyd fluid for your tractor. Spending a few extra bucks and using the right fluid will pay huge dividends in the long run. Use a good quality TDH or Permatran if available and be over it."

There, is that better Texas? I mean, seriously? - Gimme a break!

Why is it that there is always some joker in these forums that likes to stir up things and try to agitate others? Don't insult me because I happen to know what I'm talking about. It only shows others how disrespectful and ignorant that you are.

~ AJ

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Bart CARegular

Joined: 22 Aug 2008Posts: 222

Report to Moderator

▢ Posted: Wed Nov 25, 2009 9:03 am Post subject: Re: Hydraulic/transmission/differential oil MF-135  

Thanks to all for your replies and comments

Greatly appreciated !

Bart



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SuperturbodieselRegular

Joined: 20 Oct 2007Posts: 87Location: Upstate NY

Report to Moderator

▢ Posted: Wed Nov 25, 2009 9:20 am Post subject: Re: Hydraulic/transmission/differential oil MF-135   richardinnz wrote: (quoted from post at 12:36:27 11/25/09) Page 67 operator instruction book Massey - Ferguson 135. Part number 819263 M1 Below 30F SAE 30 ENGINE OIL. 30 to 80F SAE 40 ENGINE OIL. Over 80F SAE 50 ENGINE OIL. BRITISH ISLES all seasons Tractor oil universal. A footnote says the Universal oil can be used in other territories in the temp range of 30 to 80F only.

RichardInNZ,

Although you are correct as to what it says in that OLD & outdated Operator's Manual, you will find that book information is NOT always gospel.

(Remember that, and you'll become a smarter individual.)

Heck, if people actually believed everything they read, without using a little of their own intellect, then they would still believe that the world was flat. Now how silly would that be? - LOL

Anyhow, where we come from, we have better quality transmission and hydraulic fluids available to us for use in our tractors & equipment these days.

Through modern science and technology, the TDH fluids we have available to us here in the United States of America, meet or EXCEED the prior recommendations that were put into print so many, many years ago. Perhaps in New Zealand they haven't emerged from the dark ages yet? Just kidding. Seriously though, your last statement about using "British Isles Universal All Seasons Tractor Oil" actually makes a lot more sense. If I were a bettin' man, I'd say that your BIU fluid is the same basic fluid as our "TDH" fluid, and without a doubt, that's the stuff to run.

Another thing that is often overlooked is the fact that MANY (not all) tractors share hydraulic and transmission fluid. Therefore, when you "hook up" to a piece of equipment that uses hydraulic accessories that plug into the tractor, they then SHARE fluids for their operation. In this instance, unless ALL of your tractors on your farm have the SAME tranny/hydraulic fluids in them, you will be MIXING oils and fluids when switching from one piece of equipment to the next. That would NOT be a good thing if one tractor is running TDH, and the other is running a straight weight motor oil. Best to run what can be intermixed without any potential harm or annoying side effects.

In fact, you can run "TDH" fluid in place of almost any hydraulic, transmission, or power steering system with excellent results in a wide variety of temperatures. In some instances, there are lower viscosity oils recommended for use in sustained colder climates (typically below 30 deg F) and also in Arctic climates.

Here, we are talking about "average" temperatures - 0 deg F to 100 deg F, in which the vast majority of people in the USA operate in.

~ AJ



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SuperturbodieselRegular

Joined: 20 Oct 2007 Posts: 87 Location: Upstate NY

Report to Moderator

▢ Posted: Wed Nov 25, 2009 9:23 am Post subject: Re: Hydraulic/transmission/differential oil MF-135   Bart CA wrote: (quoted from post at 18:03:23 11/25/09)

Thanks to all for your replies and comments

Greatly appreciated !

Bart

Bart,

Hey you bet! Let us know what fluid you decide to run and how it works out for you. I'm sure everyone here will be interested in your opinion after you do so.

~ AJ

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Bart CARegular

Joined: 22 Aug 2008 Posts: 222

Report to Moderator

▢ Posted: Wed Nov 25, 2009 10:21 am Post subject: Re: Hydraulic/transmission/differential oil MF-135   Thanks Super !

I do not want to put engine oil in trans/diff/hyd to save money. I always followed tractor manufacturer maintenance and recommended oil/lubricants it served me well for 45+ years.

I just wanted other opinions and good/bad experiences in this matter.

I agree with your comments.

We are lucky to have this fantastic discussion forum to learn from others that knows many things in their field...and sometimes for us to help others with our experiences and knowledge in our domain.

It is sad that some people use any pretext to try to provoke.

Thanks again to you and all others !!!

Bart

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Bart CARegular

Joined: 22 Aug 2008 Posts: 222

[Report to Moderator](#)

▢ Posted: Wed Nov 25, 2009 12:07 pm Post subject: Re: Hydraulic/transmission/differential oil MF-135   Just a last word...

Please forgive me for my poor written english.

English is not my native language.

Have a good day !

Bart

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Massey Ferguson MF135 Multipower Transmission Oil Change

Hi All,

I purchased a 1968 Massey Ferguson MF135 with Multipower recently,

The Multipower didn't work, the Hydraulics were very slow and jerky and wouldn't lift anything slightly heavy, They also fell down when the PTo was off.

Sound familiar?

Anyway, after checking the Transmission Oil I discovered it looked like really Milky Coffee.

Time for new Hydraulic Oil.

I knew there must be filters that will need cleaning/Replacement,

The Main Hydraulic pump filter was easy to find info about but the Multipower Filter was a mystery. Was there one? where it it?

The Genuine Service Manual makes no reference and there's little to nothing on the Web/ TBN.

So I thought I'd just open it up and see.

Here is my write up with Pics to help others doing a MF135/Multipower Transmission Oil Change.

Start with the Tractor on level ground,(even better if you can have the left side slightly lower to aid oil draining)

Lower the Hydraulics.

Select neutral in the gearbox and High/low range selector, Make sure the brakes are fully applied and locked.

Chock the wheels front and back. (you will be under the tractor so think Safety!)

Make sure the PTO selector is in Neutral. (important)

Remove the left hand mudguard/fender, the left foot board (rear mount is bolted through the PTO Cover Plate) and the hand brake rod if fitted



Remove the two drain plugs (one in the rear just below the PTO selector, and the second one is just in front of the front foot board mount) and let drain until all the old oil has drained. You will need two containers with a capacity of 30 liters/Back plug and 20 Liters/ Front Plug



Remove the PTO Cover (and arm, they come off as one piece)

Take note of the selector arm position and the groove it mates with in the gearbox

You need to know where the selector arm goes when you reinstall the PTO Cover. If you don't the PTO selector won't work





Locate the Hydraulic Pump Filter (just in front and below the PTO cover opening (you can't miss it)



Notice the filter is lock wired from the top of the filter to a small hole (This is to stop the filter undoing itself and destroying your gearbox)

Carefully cut the wire (make sure you don't drop and pieces)

Now unscrew and remove the Filter. (hold the whole filter, It's made of three parts and will come apart if your not careful)

Thoroughly clean the filter with degreaser and an air gun if you have one. (the filters are reusable, but if yours is damaged replace it)Set it aside to reinstall later

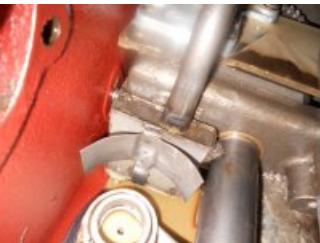


No comes the Multipower part!!!

Just behind the main hydraulic pump filter is a small rectangular screen/Filter, this is the Multipower screen,

(It is behind a half circular baffle)

(Later MF135s have an external filter and this screen may not be present)



Gently bend one side of the Baffle to expose the Multipower screen



Mine was cover in crud as you can see

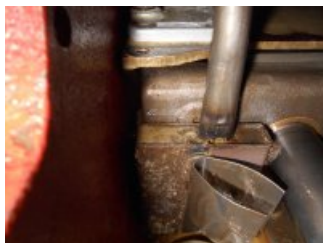
Now clean it with a spray degreaser and a clean rag.



I fitted a long nozzle from a Bug Spray can to make it easier to get a good pressure spray



Now bend the Baffle back into position and do the other side, Carefully bend the other side of the baffle to expose the other side of the Multipower screen



Clean that side as well, then reform the baffle back to its original shape



Now give the bottom of the gearbox a good wipe out with a clean cloth and degreaser

Note: If it's really cruddy inside you might consider flushing the Box with diesel or degreaser, about 15-20 liters in the gearbox, drive the tractor for a few minutes slowly, Then Thoroughly drain before adding new oil.)

Now reinstall the Main Filter (It only needs to be finger tight)



Reinstall a new locking wire (this is important, Don't forget it!!!)

Almost Done!!

Reinstall the PTO cover making sure the selector arm engages the selector track as noted earlier (if you don't you won't have PTO selection)

Clean and reinstall both drain plugs

Reinstall the Foot boards/ Hand Brake Rod and Fender



Fill the gearbox through the filler hole next to the gear selector



My MF135 took 31 liters to reach the Max level on the Dipstick

I suggest you add 20 Liters in one go, then add one liter at a time checking each time with the dipstick to avoid overfilling

I used Hydralink Farnlube 15/40 but any oil that is MF1129A spec or better will do.

There you go all done, It took me 4 hours to do the job, Remember it was my first time.

Results.....

My Multipower now works great!, the hydraulics are now much faster, no more jerking and lift almost anything.

It's amazing what a difference clean fresh oil makes.

Any hoo I hope the write up helps someone!

HooRoo from downunder, John