

When The Going Gets Tough

The Tough **Go Further**

**THE BEST
CHOICE**

**FOR THE
FUTURE
OF YOUR
TRACTOR**

Your Challenges. **Our Solutions.**

Power Fluid™

**HYDRAULIC, TRANSMISSION,
& WET BRAKE FLUID**



Fuels | Lubricants | Knowledge | Service

IT'S YOUR TRACTOR. IT'S YOUR CHOICE.

Without a governing body to regulate quality standards, it can seem complicated to know what is important in a tractor hydraulic fluid. FS is here to help.

Not all tractor hydraulic fluids have high-performance additive packages that protect tractors that operate in harsh conditions. Using a subpar fluid can cause long-term mechanical problems, resulting in higher maintenance costs and shorter equipment life.

WHERE IS FS POWER FLUID USED?

Tractor Hydraulic Fluid (THF) is a multifunctional fluid, formulated specifically for tractors using a centralized system to lubricate hydraulic systems, transmissions, clutches, brakes, pumps, and other moving parts.

WHAT DOES THF DO?

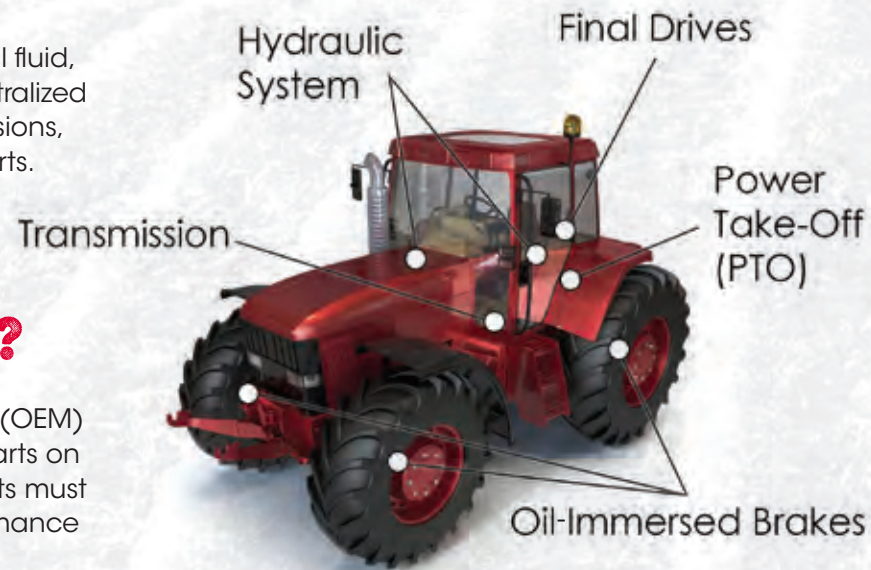
To meet the original equipment manufacturer (OEM) requirements and protect the many moving parts on a variety of vehicle brands and types, lubricants must achieve the right balance for optimum performance in volatile temperatures and harsh conditions.

A HIGH-PERFORMING FLUID MUST:

- Emulsify water and prevent rust
- Accommodate various frictional needs
- Flow in cold weather and protect in the heat
- Balance gear protection and anti-wear needs
- Maintain seal compatibility
- Manage foaming
- Protect against corrosion
- Mitigate oxidation
- Suit a wide range of machinery

THE DRIVE FOR GREATER EFFICIENCY.

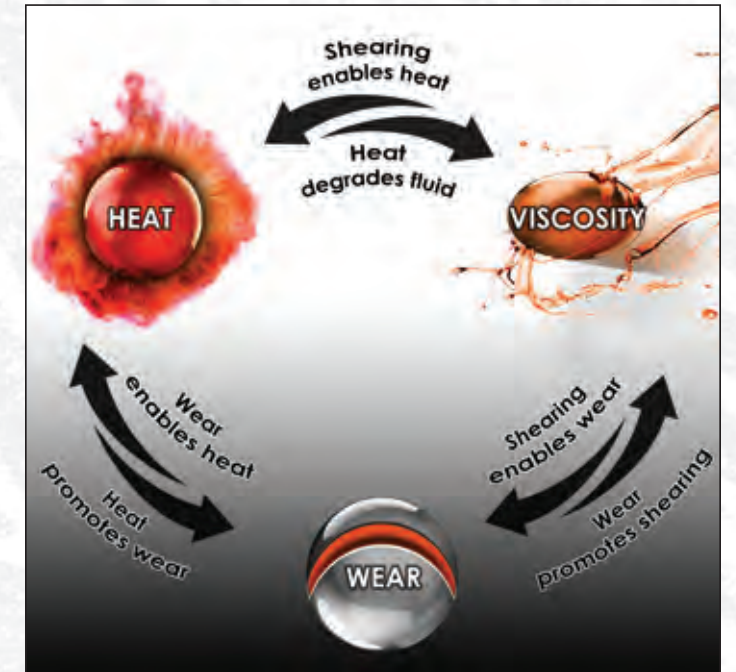
OEMs are building equipment with maximum performance and efficiency in mind. Using a high-quality fluid and practicing regular maintenance from the beginning can help maximize this efficiency while also providing longer equipment life and better performance throughout. This investment in being a responsible equipment owner will pay dividends in increased productivity and efficiency and the avoidance of downtime and maintenance costs associated with using lower-quality products.



DO ALL TRACTOR HYDRAULIC FLUIDS MEET THE SAME SPECIFICATIONS AS FS POWER FLUID?

Not even close. Equipment manufacturers know that heat, wear, and shearing (viscosity loss) degrade even the best tractor hydraulic fluids. They develop fluid specifications and change intervals to ensure fluids provide optimum performance while preventing premature wear. That's why it is important that users read the equipment manufacturer's specifications and purchase the appropriate fluids. FS Power Fluid meets or exceeds almost all equipment manufacturers' THF specifications.

- ➔ Excess heat causes fluids to thin and allows increased wear
- ➔ Increased wear produces more heat and causes fluids to shear
- ➔ Viscosity loss promotes increased wear and generates more heat



FS POWER FLUID, YOUR BEST CHOICE.

FS Power Fluid incorporates performance that delivers innovative and balanced technology to meet or exceed most OEM specifications.

- ➔ **Advanced Gear Protection:** Superior extreme-pressure protection and anti-wear capabilities minimize and reduce wear on final drives, transmissions, and differential gears while providing superior load-carrying capacity for maximum protection.
- ➔ **Excellent Corrosion Protection:** FS Power Fluid provides greater corrosion protection for the copper-containing metals on hydraulic pump parts.
- ➔ **Minimized Viscosity Variation:** FS Power Fluid resists shear and viscosity loss in the transmission and hydraulic components, resulting in increased operating efficiency and longer protection of components.
- ➔ **Flows Easier in Cold Temperatures and Protects Better at High Temperatures:** Advanced viscosity index—improved chemistry decreases fluid sensitivity to temperature changes.
- ➔ **Optimal Brake Performance:** FS Power Fluid suppresses brake chatter without sacrificing PTO clutch performance. It provides continuous friction-reducing lubrication that withstands the excessive heat generated by today's wet brake systems.
- ➔ **Extended Fluid Life:** Improved antioxidant protection and enhanced shear stability extends FS Power Fluid service life.

**FS POWER FLUID
THE BEST CHOICE TO TAKE YOU FURTHER**

When it comes to the success of your operation, you can rely on your local FS Energy Specialists. They are uniquely qualified with the knowledge and expertise to help you improve profits, cut downtime losses, and reduce maintenance expenses. So if you're looking for ways to enhance your profitability, count on the energy experts at FS to help you go further.



fssystem.com