



# TORQUE FLUID TO-4

Work Horse® Torque Fluid is formulated using only high quality Group II, severely hydrocracked, high viscosity index, paraffinic base stocks. It is formulated for use in all Caterpillar® transmission/final drive and wet brake components that require TO-4 and TO-2 fluids.

Work Horse Torque Fluid is formulated for use in Caterpillar® vehicle friction devices, clutches and wet brakes, power shift transmissions and in other vehicle drive train components such as differentials, final drives and bevel gears where TO-4 and TO-2 fluids are recommended. It provides a balance between static and dynamic friction characteristics with both metallic and non-metallic materials used in power-shift transmissions, clutches, vehicle steering clutches and oil-cooled disc brakes. This ensures the load-carrying capacity and durability of these components.

- Excellent friction material performance
- Excellent oxidation stability
- Excellent elastomer compatibility
- Excellent wear control in powershift transmissions
- Eliminates wear control in final drives
- Eliminates transmission slippage
- Increased clutch disc life
- Controls brake chatter

*Always consult and follow manufacturer's guide for proper SAE grade. This product is not intended for use as a crankcase oil.*

Work Horse is a new breed of lubricants designed to stand up to brutal workloads and a wide range of challenging conditions. Born from a 90-year legacy of proven performance and premium products, Work Horse lubricants are formulated using the latest technology and advanced additives to deliver superior results and the protection you demand. Extensive testing in both on-road and off-road environments ensures all Work Horse products meet and exceed major manufacturers' service requirements. Your hard-working equipment needs hard-working oil.



# TORQUE FLUID TO-4

## Typical Characteristics

PRODUCT	10	30	50
Gravity, °API	30.27	28.26	27.54
Specific Gravity @ 60°F (15.6°C)	0.8721	0.8857	0.8897
Viscosity @ 40°C cSt	43.25	96.89	234.8
Viscosity @ 100°C cSt	6.929	11.81	19.79
Viscosity Index	118	112	97
Pour Point °C (°F)	-33°C (-27°F)	-30°C (-22°F)	-
Color	3	3	4.5
Zinc, Wt. %	0.11	0.11	0.11
Phosphorus, wt. %	0.092	0.092	0.092
Calcium, wt. %	0	0.242	0.242



## Performance Level

- ALLISON C-4
- CATERPILLAR® TO-4, TDTO
- KOMATSU KES 07.868.1
- VICKERS
- ZF TE-ML 03C

## Available in:

- 5 Gal, 55 Gal Drum,
- 330 Gal Tote, Bulk