

## PURUS® TO-4 DRIVE TRAIN OILS

Manufactured with virgin base oils

**DESCRIPTION:** **PURUS® TO-4 Drive Train Oils** are formulated to meet the stringent performance requirements of the Caterpillar TO-4 specification. These fluids are recommended for equipment where specified TO-4 qualified oils are required to maintain the Caterpillar equipment warranty. PURUS® TO-4 Drive Train Oils are blended to provide excellent gear wear protection and thermal stability while maintaining a balance of static and dynamic frictional characteristics with a variety of materials. This provides smooth transmission power transfer under high horsepower conditions. Advanced additive chemistry provides substantially improved load carrying capacities and durability and reduces brake chatter.

**APPLICATION:** **PURUS® TO-4 Drive Train Oils** are recommended for the lubrication of heavy-duty equipment in both highway and off-highway service that require a lubricant meeting Caterpillar TO-4, Allison C-4, Komatsu KES 07.868.1, Komatsu Dresser, Komatsu Micro-Clutch, ZF TE-ML 01,03C, 07F, Eaton Vickers EH-1027C, Temec/TCC, Dana Powershift, or API GL-3 specifications.

**PURUS® TO-4 Drive Train Oils** provides excellent service in all Caterpillar powershift transmissions, final drives, hydrostatic transmissions, torque converters, hydraulics or any system which specify TO-4 qualified oils. The SAE 10-W and SAE 30-W grades can be used in all applications requiring Allison C-4 qualified oils.

**PERFORMANCE  
BENEFITS:**

- Extends component life
- Excellent gear protection
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection
- Compatible with crankcase engine oils
- Improved friction and anti-wear performance compared to TO-2 fluids

**PURUS® TO-4 Drive Train Oils** do not contain friction modifiers or viscosity index improvers and are not intended for use in farm tractors. These oils are not designed to be used in the engine crankcase.

**TYPICAL  
PROPERTIES:**

Grade	10	30	50
Viscosity			
@100 Deg. C, cSt	6.34	11.5	20
Viscosity Index	104	100	94
Flash Point Deg.°C (min)	200	200	200
Copper Strip Corrosion	Pass	Pass	Pass
Foam Test	Pass	Pass	Pass

