

# HARDLINE HARDLINE

## Transmission Drivetrain Oils

SAE 10W, SAE 30 & SAE 50

### Product Description

**Ignix Hardline TRANSMISSION DRIVETRAIN OILS, TO-4** are high-performance multi-purpose transmission and drivetrain fluids designed for powershift transmissions, final drives, wet brakes, differentials, hydraulic, and power-steering units in many different makes of transmissions, tractors and heavy equipment. **Ignix Hardline TRANSMISSION DRIVETRAIN OILS, TO-4** are formulated with high viscosity-index type II paraffinic base stocks and premium performance additives. The comprehensive additive package includes detergents, anti-wear, anti-corrosion, and anti-foaming agents. The additive protections provide maximum gear life and capacity for wet brakes and power-take-off clutches, excellent wet brake noise suppression and filterability characteristics. These oils are specially blended to prevent rust, corrosion, foaming and oxidation. **Ignix Hardline TRANSMISSION DRIVETRAIN OILS, TO-4** is available in **SAE 10W, SAE 30 & SAE 50** viscosity grades.

### Typical Properties

<b>SAE J300 Viscosity Grade</b>	<b>SAE 10W</b>	<b>SAE 30</b>	<b>SAE 50</b>
Appearance, Visual	Amber, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	40.00	100.0	195.0
Viscosity @ 100°C, cSt, ASTM D445	6.3	11.5	18.0
Viscosity Index, ASTM D2270	105	102	100
Flash Point, °C, ASTM D92	200	215	230
Pour Point, °C, ASTM D97	-37	-18	-15

\*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

### Exceeds Performance Requirements:

Allison C-4 – SAE 10W and 30 grades  
Caterpillar TO-4, CD/TO-2 – all grades  
Komatsu Micro-Clutch – all grades  
Vickers (Eaton) M-2950-S

### Product Code

SAE 10W  
SAE 30  
SAE 50

