



## **FP TRAKTORÖL TO-4 SAE 50 MINERAL**

### **PRODUCT DESCRIPTION:**

FP TRAKTORÖL TO-4 is a range of high quality transmission oils to meet the requirements of Allison, Caterpillar and Komatsu in power shift transmissions, final drives, hydrostatic transmissions torque convertors and hydraulic systems in off-highway equipment. Also recommended for any systems requiring Allison C4 or Caterpillar TO-4 specification oils.

### **FEATURES & BENEFITS:**

- These fluids have excellent compatibility with new elastomer seal materials.
- Excellent frictional properties to maintain performance and prevent slippage
- The 30 and 50 grades are primarily for heavy duty applications. The 50 grade also has on highway applications in transmissions where a SAE: 50 CD or CF rated oil is required (e.g. Road Ranger)

### **PERFORMANCE LEVELS: Meets or Exceeds:**

API: CF, MT-1, Allison C-4, Caterpillar: TO-4, TO-4M, Komatsu: KES 07.868.1 (2002), ZF: TE-ML-03C, TE-M0-7F

### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	RESULT
Grade			SAE 50
Kinematic Viscosity@ 104°F /40°C	ASTM D7042	cSt	210
Kinematic Viscosity@ 212°F /100°C	ASTM D7042	cSt	18.8
Viscosity Index	ASTM D2270	-	100
SP. Gravity @15°C/60°F	ASTM D4052	g/cm <sup>3</sup>	0.900
Flash Point	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-18
TBN	ASTM D2896	mg KOH/g	9.2

### **HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.