



# Better engine oils

Power to protect. Power to perform.



## TOP HT FLUID TO 4 30

**TOP HT FLUID TO 4 30** is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications. Is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

### BENEFITS:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

Exceeds the following performance requirements:

- CATERPILLAR TO-4
- KOMATSU KES 07. 868.1
- ALLISON C-4
- API CF-2/CF ZF TE – ML 03C
- KOMATSU DRESSER
- DANA POWERSWIFT T
- RANMISSIONS ZF TE-ML 07F

### TYPICAL ANALYSIS:

Properties	Unit	Method	Typical Value
SAE Grade		SAE J3000	30
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	889
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	85.1
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	10.3
Viscosity Index		ASTM D2270	101
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-30
Total Base Number	mgKOH/g	ASTM D2896	9.1