

GEAR POWER TO-4 30

Heavy Duty Powershift Transmission Fluid

GEAR POWER 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.

GEAR POWER TO-4 30 is formulated with high refined solvent mineral base stock in combination with a special additive package to reach the following properties.

- 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.

GEAR POWER TO-4 30 meets the following performance criteria:

Caterpillar TO-4
ZF TE-ML 03C
ZF TE-ML 07D,F

Caterpillar TO-2
Komatsu Dresser
Komatsu KES 07.868.1

Allison C-4
Vickers I-286-S
DANA Powershift transmissions

API GL-4
Vickers M2950S

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	30
Density @15 °C	kg/m ³	ASTM D4052	892.7
Kin. Viscosity @40 °C	mm ² /s	ASTM D7042	99.9
Kin. Viscosity @100 °C	mm ² /s	ASTM D7042	11.4
Viscosity Index		ASTM D2270	100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-27
Total Base Number	mgKOH/g	ASTM D2896	10.0
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