

GEAR POWER TO-4M

Heavy Duty Powershift Transmission Fluid

GEAR POWER TO-4M 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-4M is formulated with a 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-4M meets the following performance criteria:

Caterpillar TO-4M
ZF TE-ML 03C
Vickers 35VQ25

Komatsu KES 07.868.1
Komatsu Dresser
Caterpillar TO-2

Allison C-4
DANA Powershift transmissions
API GL-4

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m3	ASTM D4052	856
Kin. Viscosity @40 °C	mm2/s	ASTM D7042	102
Kin. Viscosity @100 °C	mm2/s	ASTM D7042	14.6
Viscosity Index		ASTM D2270	147
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	8.1
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