DESCRIPTION

Verus TDTO SAE 50W is an extra high-performance transmission and drive-train lubricant formulated to meet rigorous specifications required by Caterpillar TO-4. Verus TDTO SAE 50W is designed to optimise the performance of power shift transmissions, gear boxes and final drives. In hydraulic applications, it provides maximum protection even in high-pressure systems.

The technology in this formulation combines selected base oils and an advanced additive package to deliver the precise performance parameters needed to maximize the productivity of construction, quarrying and mining equipment operating in severe conditions. Verus TDTO SAE 50W offers a clear performance advantage over the use of mixed fleet engine oils and previously used lubricants meeting Caterpillar TO-2.

FEATURES AND BENEFITS

- Provides balanced static dynamic friction coefficients for optimized clutch-free retention and slippage control
- Compatible with the latest clutch materials ensuring longer clutch life and higher performance
- Increased levels of anti-wear and load carrying capability for greater productivity and reduced down-time
- Excellent foam control protection for reliable performance in wet brakes and increased control of brake chatter
- Excellent thermal and oxidation stability for protection against high-pressure pump wear
- Very good low temperature pumpability for reduced start-up to production times

APPLICATIONS

- Heavy duty transmissions, gear boxes, final drives and hydraulic systems used in on and off-highway applications
- Off-highway industries including mining, construction, quarrying and agriculture

TDTO SAE 50W TO-4
Transmission & Drive Train Oil
PRODUCT CODE: VM2203

SPECIFICATIONS

Meets or exceeds the requirements of:

- Caterpillar TO-4
- Allison C-4
- ZF-TE-ML-03C

TECHNICAL DATA

CHARACTERISTIC	TEST METHOD	RESULT
Viscosity @ 40°C cSt	ASTM D 445	195
Viscosity @ 100°C cSt	ASTM D 445	18
Viscosity Index	ASTM D 2270	100

The information contained herein is subject to change without notification. Typical properties may vary slightly.