Transgear PTF

Premium Power Transmission, Final Drive and Hydraulic Oil

Product Description:

Veedol Transgear PTF range is a premium, heavy duty multifunctional fluid developed for use in transmissions, final drives and hydraulic systems of off-highway equipment where an oil meeting Caterpillar TO-4 performance requirements is specified.

It is formulated with state-of-the-art additive technology that provides improved deposit control, corrosion protection and load-carrying capacity for better equipment protection and more reliable operation. Its carefully optimized frictional properties prevent clutch slippage for smoother, more consistent transmission operation and provides improved wet brake performance.

Performance Specifications:

Veedol Transgear PTF meets & exceeds below performance

- Allison C-4
- API CF, MT-1

Caterpillar TO-4
Dana Powershift
Komatsu KES 07.868.1

Komatsu KES 07.861.1
Vickers 35VQ25 Pump test
ZF TE-ML 03C

Features/Benefits:

- High resistance to oxidation and thermal degradation helps resist the effects of oxidizing agents and thermal stress, thereby extending the life of transmission components.
- Excellent wear protection safeguards gears against wear and pitting, helps prevent premature failures, and reduces maintenance costs.
- Superior frictional characteristics offer optimum balance between static and dynamic frictional characteristics for improved transmission performance.
- Excellent load carrying capability provides protection to the final drive gear sets.

Application:

- Recommended for powershift transmissions, hydrostatic transmissions, torque converters, final drives, and hydraulic systems of Caterpillar, Euclid, Komatsu and other off- highway construction and mining equipment.
- Heavy-duty automatic transmissions where the OEM specifies usage of oil meeting Allison C-4 specification
- Torque converter transmissions in off-highway equipment where the OEM specifies usage of oil meeting TE-ML 03C specification (SAE 10W, 30)
- Veedol Transgear PTF range is not recommended for use in engines.

Typical Properties:

Parameters	Test Method	10W	30	50
Density at 29.5°C	ASTM D4052	0.870	0.876	0.890
Kinematic Viscosity @ 40°C, cSt	ASTM D445	33.11	88.70	205.90
Kinematic Viscosity @ 100°C, cSt	ASTM D445	6.0	10.8	18.5
Viscosity Index	ASTM D2270	128	106	99
Flash Point (COC), °C	ASTM D92	230	248	258
Pour Point, °C	ASTM D97	-33	-27	-15

The above typical properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

STORAGE
All packages should be stored under cover. It should not be exposed to direct sunlight, intense cold and extreme temperature fluctuations. Where outside storage is unavoidable, drums should be laid horizontally or properly covered to avoid the possible ingress of water and damage to drum markings.

HEALTH, SAFETY AND ENVIRONMENT
The informtion on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. If handled correctly, there are no special precautions suggested.

VEEDOL CORPORATION LIMITED
Corporate Office: 902, Godrej TWO, Vikhroli, Eastern Express Highway, Mumbai-400 079.
Regd. Office: Yule house, 8, Dr. Rajendra Prasad Sarani, Kolkata-700 001, West Bengal, India.
www.veedolindia.com