Mobil

Mobiltrans HD Series

Mobil Commercial Vehicle Lube , Iceland

Heavy Duty Transmission and Drivetrain Lubricants

Product Description

Mobiltrans HD 10W, 30, 50, and 60 are extra high performance, heavy duty transmission and drive-train lubricants engineered to meet or exceed the requirements of the rigorous Caterpillar TO-4 specification. This product line is uniquely designed to optimise the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems

This technology combines selected base oils and an advanced additive system to deliver the precise performance parameters needed to maximise the productivity of construction, quarrying, and mining equipment operating in severe conditions. These products offer a clear performance advantage over the use of mixed fleet engine oils and previously used lubricants meeting Caterpillar TO-2.

Applications

Recommended by ExxonMobil for use in:

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Manual, powershift, and automatic transmissions where Allison C-4 fluids (SAE 10W and 30 grades) are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

Specifications and Approvals

This product has the following approvals:	30	50	60	10W
ZF TE-ML 03C	X			X
ZF TE-ML 07F	X			

This product is recommended for use in applications requiring:	30	50	60	10W
Allison C-4	X			X
KOMATSU KES 07.868.1	X	X		X

This product meets or exceeds the requirements of:	30	50	60	10W
CATERPILLAR TO-4	X	X	X	X

Properties and Specifications

Property	30	50	60	10W
Grade	SAE 30	SAE 50	SAE 60	SAE 10W

Property	30	50	60	10W
Density @ 15 C, kg/l, ASTM D4052	0.89	0.91	0.91	0.89
Flash Point, Cleveland Open Cup, °C, ASTM D92	224	240	244	202
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.2	18	25.2	6.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	100	195	340	42
Pour Point, °C, ASTM D97	-18	-15	-12	-33
Viscosity Index, ASTM D2270	97	100	96	96

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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