



TURBO HT-PLUS

PRODUCT DESCRIPTION:

Turbo HT-Plus is a versatile & comprehensive heavy-duty engine oil developed to meet wide range of heavy-duty applications and operating environments found in the trucking, mining, construction, quarrying, and agriculture industries. This product provides outstanding protection in the most demanding diesel engines of Caterpillar, Cummins, Detroit, Mack, Mercedes Benz, Renault, MAN, Navistar, Volvo, and others. Recommended for Euro V and VI Volvo engines and off-highway engines meeting EU Stage IV and EPA Tier IV, equipped with DPFs needing CJ-4/E9-12/VDS-4/Cat ECF-3 lubricants.

ENGINE APPLICATION:

- ACEA E9-16
- API CJ-4/CI-4+/CI-4, SN/CF
- Daimler MB 228.31
- MAN M3575
- MTU Type 2.1
- Volvo VDS-4
- Mack EO-O Premium Plus
- Renault Trucks RLD-3
- Cummins CES 20081
- Caterpillar ECF-2, ECF-3
- Deutz DQC III-10 LA
- DDC 93K218
- Global DHD-1
- JASO DH-2

GEARBOX APPLICATION:

- API GL-4
- ZF TE ML 07D
- Caterpillar TO-4M/TO-4
- Komatsu clutch (TO-40)
- Allison C-4

HYDRAULIC SYSTEM APPLICATION:

- ISO VG-68 HM
- JCMS HK 68
- KOMATSU HO-68
- Case MS 1230

FEATURES & BENEFITS:

- High thermal and oxidation stability
- Stay-in-grade shear stability
- Excellent low and high temperature properties
- Longer gasket and seal life
- High TBN reserves
- Reduced sludge build-up
- Component compatibility
- Longer drain intervals
- Start-up wear protection
- One oil for mixed fleet operations

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/CI-4+/CI-4
- ACEA E9-16
- MB 228.31
- MAN M3575
- Volvo VDS-4
- Deutz DQC III-10 LA
- JASO DH2
- MACK EO-O Premium Plus
- Cummins CES 20081
- Global DHD-1
- Renault RLD-3
- MTU Type 2.1

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	TURBO HT-PLUS (MINERAL)
Grade			15W-40
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	TBR
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	15.5
Viscosity Index	D-2270	-	145
Density @15°C/ 60°F	D-4052	g/cm3	TBR
Flash Point (min)	D-92	°C	234
Pour Point (max)	D-97	°C	-33
TBN	D-2896	Mg KOH/g	11.5
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.