



TURBO ULTRA FULLY SYNTHETIC

PRODUCT DESCRIPTION:

Turbo Ultra is an advanced full synthetic heavy-duty diesel engine oil technology for fuel-efficient engines equipped with emission after-treatment devices calling for API FA-4. It is specifically formulated for on-highway applications, including certain 2017 greenhouse gas-compliant diesel engines to meet lower CO₂ emission and improved fuel economy, in addition to EPA 2010 compliant low emission diesel engines with SCR (Selective Catalytic Reduction), DPF (Diesel Particulate Filter), and EGR (Exhaust Gas Recirculation) systems.

APPLICATION:

Recommended for heavy duty diesel engines with turbo-charger, direct injection and low emission designs.

FEATURES & BENEFITS:

- Exceptional Soot dispersancy and wear control.
- Optimum DPF (Diesel Particulate Filter) life.
- Exceptional cold start protection.
- Excellent shear stability.
- Improved oxidation stability.
- Best-in-class engine cleanliness.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	5W-30	10W-30
API	FA-4/SN	FA-4/SN
JASO	DH-2	DH-2
MB	228.61 v17	228.61 v17
CUMMINS	20087	20087
DDC	93K223	93K223

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	TURBO ULTRA	
			5W-30	10W-30
Grade			5W-30	10W-30
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	10,0	9,9
Viscosity Index	D-2270	-	159	156
Density @15°C/ 60°F	D-4052	g/cm ³	TBR	TBR
Flash Point (min)	D-92	°C	230	230
Pour Point (max)	D-97	°C	-42	-39
TBN	D-2896	Mg KOH/g	10	10
CCS, (°C)	D-5293	m.Pa.S	<6600 (-30°C)	<7000 (-25°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.