



## TURBO X-TREM MINERAL

### PRODUCT DESCRIPTION:

Turbo X-Trem is an advanced quality diesel engine oil that provides excellent lubrication to diesel engines. It provides high performance in the latest US, European, and Japanese heavy-duty diesel engines including severe applications such as high loads and multi-trailer applications. It exhibits outstanding detergent, dispersant, and anti-wear properties to keep the engine clean and enable efficient control of soot, sludge, and piston deposits.

### APPLICATION:

Recommended for modern heavy-duty engines, wide range of turbo-charged and naturally aspirated diesel engines as well as all kinds of gasoline engines, all types of generators, trucks, construction machinery, passenger cars or mixed fleet comprising diesel and gasoline powered cars.

### FEATURES & BENEFITS:

- High thermal and oxidation stability
- Reduced sludge build-up, deposits and viscosity increase
- Stay-in-grade shear stability
- Excellent low temperature properties
- Wear protection and viscosity control
- Improved viscosity control and oil pumpability

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CI-4/SL
- ACEA E7, A3/B3/B4
- MB 228.3/229.1
- MAN M3275-1
- Volvo VDS-3
- Deutz DQC III-10
- JASO DH1
- MACK EO-N
- Cummins CES 20076/20077/78
- Global DHD-1
- Renault RLD-2
- MTU Type 2
- Allison C4
- Caterpillar ECF 1a, ECF 2
- DDC 93K215

### API LICENSE:

- 15W-40



### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	TURBO X-TREM ( MINERAL )			
			15W-40	20W-50	50	70
Grade			15W-40	20W-50	50	70
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	15.3	19.6	20.5	24.1
Viscosity Index	D-2270	-	135	120	95	95
Density @15°C/ 60°F	D-4052	g/cm3	TBR	TBR	TBR	TBR
Flash Point (min)	D-92	°C	220	220	220	220
Pour Point (max)	D-97	°C	-33	-24	-9	-9
TBN	D-2896	mg KOH/g	10	10	10	10
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)	<9500 (-15°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.