



## TURBO X-TRA HD

SYNTHETIC / SEMI SYNTHETIC / MINERAL

### PRODUCT DESCRIPTION:

Turbo X-Tra HD is an advanced quality heavy-duty diesel engine oil that is specifically blended to deliver longer oil drain intervals TURBO X-TRA HD meets or exceeds original equipment manufacturer (OEM) requirements and delivers high performance in both on and off-highway applications while delivering outstanding performance in modern high output low-emission engines fitted with EGR. TURBO X-TRA HD is also compatible with the latest exhaust after-treatment systems such as DPF, DOC, and SCR. The exceptional low-temperature fluidity and pumpability in combination with the sophisticated additive system ensure maximum engine wear protection and supports longer engine life.

### APPLICATION:

TURBO X-TRA HD is recommended for heavy-duty diesel engines including Euro V/VI modern low emission vehicles, utilizing technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR). It is also recommended for High-performance diesel applications including turbo-charged designs featuring EGR technology and diesel applications using older, naturally aspirated conventional designs. On-highway heavy-duty trucking and off-highway including construction, mining, quarrying, and agriculture.

### FEATURES & BENEFITS:

- Excellent control of oil thickening due to soot build-up.
- Outstanding TBN retention for long drain intervals.
- Outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear.
- Designed to control aeration exceptionally
- Excellent shear stability
- Improved oxidation stability

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40
API	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN
ACEA 2016	E9	E9	E9	E9	E9	E9	E9
Caterpillar	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3
Volvo	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5
Cummins	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086
MB	-	-	228.31	228.31	228.31	228.31	228.31
MAN	M3775	M3775	M3775	M3775	M3775	M3775	M3775
Deutz	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA	DQC III-18 LA
Renault	RLD-3	RLD-3	RLD-3	RLD-3	RLD-3	RLD-3	RLD-3
Mack	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5
DDC	-	-	93K222	93K222	93K222	93K222	93K222
MTU	-	-	Type 2.1	Type 2.1	Type 2.1	Type 2.1	Type 2.1
FORD	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1	WSS- M2C171-F1



**TYPICAL PERFORMANCE:**

PARAMETERS	ASTM	UNIT	TURBO X-TRA HD (Typical Specification)							
			0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	
Grade										
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	11.9	15.1	11.9	15.1	11.8	15.2	15.3	
Viscosity Index	D-2270	-	176	181	171	175	153	157	141	
Density @15°C/ 60°F	D-4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D-92	°C	228	228	230	230	232	232	234	
Pour Point (max)	D-97	°C	-42	-42	-42	-42	-39	-39	-33	
TBN	D-2896	Mg KOH/g	8	8	8	8	8	8	8	
CCS, (°C)	D-5293	m.Pa.S	6200 (-35°C)	6200 (-35°C)	6600 (-30°C)	6600 (-30°C)	7000 (-25°C)	7000 (-25°C)	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.