



## SYNTO TRUCK EXTRA HD

SYNTHETIC / SEMI SYNTHETIC / MINERAL

### PRODUCT DESCRIPTION:

SYNTO TRUCK EXTRA HD is a high-quality engine oil that is specifically designed for heavy-duty diesel engines with turbo-chargers, direct injection, and low-emission designs. It offers extended oil drain intervals, superior engine wear protection, and compatibility with exhaust after-treatment systems. It is an ideal choice for severe on and off-highway applications, supporting longer engine life.

### APPLICATION:

SYNTO TRUCK EXTRA 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. It is suitable for both on-highway heavy-duty trucking and off-highway applications, such as construction, mining, quarrying, and agriculture.

### FEATURES & BENEFITS:

- Excellent control of oil thickening due to soot buildUp.
- 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	RLD3	RLD3	RLD3	RLD3	RLD3	RLD3	RLD3
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



## HDDEO

# BRAVOIL™

### Technical Data Sheet

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNTO TRUCK EXTRA HD						
			0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40
Grade									
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.9	15.1	11.9	15.1	11.8	15.2	15.3
Viscosity Index (min)	D2270	-	160	170	160	160	145	145	135
Density @15°C/ 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-36	-36	-33

#### DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

#### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.