

SYNTO TRUCK EXTRA

SYNTHETIC / SEMI SYNTHETIC / MINERAL

PRODUCT DESCRIPTION:

SYNTO TRUCK EXTRA is a top-tier heavy-duty engine oil that helps extend engine life in the most severe on and off-highway applications while delivering outstanding performance in modern high-output low-emission engines fitted with EGR, DPF, DOC, and SCR - Adblue NOx reduction systems. The exceptional low-temperature fluidity and pumpability in combination with the sophisticated additive system ensures maximum engine wear performance and supports longer engine life. It is designed for on-road vehicles meeting Euro VI and off-road vehicles meeting EU stage IIIA, IIIB, IV, and US Tier 4 emission standards.

APPLICATION:

SYNTO TRUCK EXTRA is developed for heavy-duty vehicles requiring ACEA E6/ E7/ E9 and API CK-4 specifications. It exceeds the requirements of the heavy-duty fleet such as Scania, MAN, Mercedes Benz, Cummins, Volvo, IVECO, MTU, and Caterpillar.

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	0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
API	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN
ACEA 2016	E6/E7/E9	E6/E7/E9	E6/E7/E9	E6/E7/E9	E6/E7/E9	E6/E7/E9	E6/E7/E9	E6/E7/E9
Caterpillar	ECF-3	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	VDS-4.5
Cummins	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086
MB	-	-	228.51/228.52	228.51/228.52	228.51/228.52	228.51/228.52	228.51/228.52	228.51/228.52
MAN	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3677/ M3775/M3777	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3575/ M3775	M3271-1/ M3477/M3575/ M3775
Deutz	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA
Renault	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4
Scania	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4
Mack	EOS 4.5	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	93K222
MTU	-	-	Type 3.1	-		Type 3.1	Type 3.1	Type 3.1
JASO	DH2	DH2	DH2	DH2	DH2	DH2	DH2	DH2



HDDEO

Technical Data Sheet

BRAVOIL

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNTO TRUCK EXTRA							
Grade			**0W-30**	**0W-40**	**5W-30**	**5W-40**	**10W-30**	**10W-40**	**15W-40**	**20W-50**
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.8	14.9	11.8	15	11.7	15.1	15.1	19.6
Viscosity Index (min)	D2270	-	160	170	160	160	145	145	135	120
Density @15°C/ 60°F	D4052	g/cm^3	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-36	-36	-33	-24
TBN	D2896	mg KOH/g	10	10	10	10	10	10	10	10
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°C)	<7000 (-25°C)	<7000 (-20°C)	<9500 (-15°C)

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

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

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.