

SYNTO TRUCK UHPD

SYNTHETIC

PRODUCT DESCRIPTION:
SYNTO TRUCK UHPD is a synthetic high-performance engine oil that is particularly suitable for use in all on-highway diesel heavy-duty applications and is also compatible with most gas engines. The new advanced "mid-SAPS" technology meeting Euro VI, helps towards long engine life and maintains the efficiency of after-treatment systems such as Diesel Particulate Filters (DPFs).

APPLICATION:
Heavy-duty diesel engines including Euro V/VI modern low-emissions 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), heavy-duty diesel engines using low Sulphur diesel fuels and many biodiesel fuel formulations, Naturally Aspirated and Turbo-Charged Diesel Powered Equipment, On-Highway Short-Haul and Long-Haul Trucks and Buses, Off-Highway Mining, Construction and Agriculture Equipment.

FEATURES & BENEFITS:
- Performs well in low emission diesel engines
- Excellent soot handling capabilities
- Exemplary thermal stability and oxidation control
- Provides anti-wear and anti-scuff capabilities
- Contains extended TBN reserves
- Excellent cold startup
- Has stay-in-grade sheer stability
- Extended drain capabilities

PERFORMANCE LEVELS / MEETS OR EXCEEDS:
- API CJ-4
- Caterpillar ECF-3
- Volvo VDS-4
- Cummins CES 20081
- Mack EO-O PP
- ACEA E9/E7/E6/E4
- Deutz DQC IV-10 LA
- Renault RLD3
- Scania Low Ash, LDF-4 (5W-30)
- JASO DH-2
- MB 228.31/228.51/235.28
- MAN M3271/M3477/M3575
- MAN M3677/M3691 (5W-30)
- DDC 93K218
- MTU Type 2.1/3.1
- VOITH Class B

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNTO TRUCK UHPD			
Grade			**0W-40**	**5W-40**	**10W-30**	**10W-40**
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	15	15	11.7	15.4
Viscosity Index (min)	D2270	-	170	160	145	145
Density @15°C/ 60°F	D4052	g/cm3	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-36	-36
TBN	D2896	mg KOH/g	12.84	12.84	12.84	12.84
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6600 (-30°C)	<7000 (-25°C)	<7000 (-25°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.