

Technical Data Sheet (TDS)

CRUSH

SAE 10W-30 , CJ-4/SM

Semi-Synthetic

CRUSH is a premium performance semi synthetic low emission heavy-duty engine oil designed for naturally aspirated and turbo-charged 4stroke diesel and petrol engines in on- and off-highway and construction machinery applications. It is formulated with a range of latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver and foam suppression additives, and is recommended for extended drain intervals.

APPLICATION

It is recommended for 4stroke naturally aspirated and turbo-charged diesel engines, meeting Euro IV, Euro V, and the newest Euro VI emission requirements where permitted by the OEM and is suitable for use in engines with global after-treatment systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), and Selective Catalytic Reduction (SCR). **CRUSH** is a premium performance semi synthetic low emission heavy-duty engine oil designed for naturally aspirated and turbo-charged 4stroke diesel and petrol engines in on- and off-highway and construction machinery applications. It is formulated with a range of latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver and foam suppression additives, and is recommended for extended drain intervals.

FEATURES & BENEFITS

- Helps keep piston rings, piston lands and valves clean, and offers effective soot dispersancy and wear control, optimising engine service life and maintenance costs
- Latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti corrosion, viscosity improver, and foam suppression protection
- Advanced semi-synthetic base oil and additive technology helps control oxidation, sludge and oil thickening, offering extended oil drain intervals

PERFORMANCE STANDARDS

- API CJ-4/SM
- ACEA E9
- MB 228.31
- Caterpillar ECF-3
- MAN M3477/3575
- VOLVO VDS-4
- Renault RLD3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- DEUTZ DQC III-10 LA
- FORD WSS-M2C171-F1

TYPICAL PROPERTIES

PARAMETERS	ASTM	UNIT	CRUSH 10W-30
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	74.2
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	11.9
Viscosity Index (min)	D2270	-	156
Density @ 15°C / 60°F	D4052	g/cm ³	0.880
Flash Point (min)	D92	°C	236
Pour Point(max)	D97	°C	-39
TBN	D2896	mgKOH/g	9.9
CCS	D5293	m.Pa.S	<7000 (-25°C)

HEALTH & SAFETY, ENVIORMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our website: www.fubex.net

HEALTH & SAFETY:

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, or exposed to hot sun or freezing conditions.

PROTECT THE ENVIRONMENT

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