

Technical Data Sheet (TDS)

CRUSH PLUS

SAE 20W-50 , CK-4/SN

Semi-Synthetic

CRUSH PLUS is an advanced semi synthetic heavy-duty diesel engine oil that is specifically engineered to deliver longer oil drain intervals. It 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. CRUSH PLUS 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, ensures maximum engine wear protection and supports longer engine life.

APPLICATION

CRUSH PLUS is recommended for 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). 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 STANDARDS

- API CK-4/SN
- ACEA 2016 E6/E7/E9
- Caterpillar ECF-3
- Volvo VDS-4.5
- Cummins CES 20086
- MAN M3271-1/M3477/M3677/M3755/M3777
- Dentuz DQC IV-18 LA
- Renault RLD4
- Scania Low Ash/LDF-4
- Mack EOS 4.5
- JASO DH-2

TYPICAL PROPERTIES

PARAMETERS	ASTM	UNIT	CRUSH PLUS 20W-50
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	114.1
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	15.3
Viscosity Index (min)	D2270	-	141
Density @ 15°C / 60°F	D4052	g/cm ³	0.885
Flash Point (min)	D92	°C	234
Pour Point(max)	D97	°C	-33
TBN	D2896	mgKOH/g	8
CCS	D5293	m.Pa.S	<7000 (-20°C)

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 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.