

## Technical Data Sheet (TDS)

### CRUSH PLUS

SAE 5W-30 , CK-4/SN

Fully Synthtetic

**CRUSH PLUS** 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

CRUSH PLUS 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 STANDARDS

- API CK-4/SN
- ACEA 2016 E6/E7/E9
- Catepillar 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 5W-30
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	68.45
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.80
Viscosity Index (min)	D2270	-	120
Density @ 15°C /60°F	D4052	g/cm3	0.864
Flash Point (min)	D92	°C	230
Pour Point(max)	D97	°C	-42
TBN	D2896	mgKOH/g	10
CCS	D5293	m.Pa.S	<6600 (-30°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 enviornment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our wevbsite: [www.fubex.net](http://www.fubex.net)

### HEALTH & SAFETY:

We recommend to store all packages under cover.In case outside storage is unavoidable,drums should be laid horizontantly 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.