

## Technical Data Sheet (TDS)

### CRUSH

SAE 0W-40 , CJ-4/SM

Fully Synthtetic

**CRUSH** is a Fully synthetic, high performance heavy-duty diesel engine oil that helps extend engine life and improve fuel economy in modern diesel engines operating in severe conditions. Momenta Nano Plus meets the API CJ-4 specification utilizing state-of-the-art technology to deliver exceptional performance in modern low emission engines, including those with Exhaust Gas Recirculation (EGR), After-Treatment Systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's).

### APPLICATION

Crush is recommended for use in 4-stroke diesel engines, including modern low emission engines with Exhaust Gas Recirculation (EGR), After-Treatment systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's). Recommended for on-highway engines operating in both high speed / high load and stop-and-go conditions, and Off-highway engines operating in severe low speed/heavy load conditions. Also suitable for high performance gasoline engines and mixed fleets.

### FEATURES & BENEFITS

- Prevent premature DPF plugging and shortened maintenance intervals
- Minimizes piston and combustion chamber deposits
- Fights Sludge and Varnish
- Excellent against engine wear due to soot formation
- Excellent oxidation, foam, corrosion inhibition
- Provide faster, safe starts during extreme temperatures and increases thermal and oxidation stability at extreme high temperatures

### PERFORMANCE STANDARDS

- API CK-4/SM
- ACEA E9
- MB 229.31
- Caterpillar ECF-3
- Renault RLD-3
- Volvo VDS-4

### TYPICAL PROPERTIES

PARAMETERS	ASTM	UNIT	CRUSH 0W-40
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	87.0
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	14.8
Viscosity Index (min)	D2270	-	179
Density @ 15°C / 60°F	D4052	g/cm <sup>3</sup>	0.847
Flash Point (min)	D92	°C	238
Pour Point(max)	D97	°C	-45
TBN	D2896	mgKOH/g	9.9
CCS	D5293	m.Pa.S	<6200 (-35°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 horizontal 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.