



MOMENTA NANO

PRODUCT DESCRIPTION:

Momenta Nano mineral diesel engine is an extra high performance diesel engine oil that provides excellent lubrication to diesel engines promoting extended engine life. It maximises performance in the latest US, European and Japanese heavy duty diesel engines including severe applications such as high loads and multi trailer applications.

APPLICATION:

Recommended for modern heavy duty engines, wide range of turbo-charged and naturally aspirated diesel engines as well as all kinds of gasoline engines. All types of generators, trucks, construction machinery, passenger cars or mixed fleet comprising diesel and gasoline powered cars.

FEATURES & BENEFITS:

- High thermal and oxidation stability
- Reduced sludge build-up, deposits and viscosity increase
- Stay-in-grade shear stability
- Excellent low temperature properties
- Wear protection and viscosity control
- Improved viscosity control and oil pumpability

OEM APPROVALS: (SAE 15W-40)

- MB 228.3
- MAN 3275-1
- Volvo VDS-3
- MACK EO-N
- Renault VI RLD-2

PERFORMANCE LEVELS:

Meets and Exceeds:

- API Service Category CI-4/SL
- ACEA E7
- MB 228.3, MB 229.1
- MAN 3275
- Cummins CES 20076/77/78
- Detroit DDC 93K215
- DEUTZ DQC III-10
- Caterpillar ECF-1a, ECF2
- JASO DHI

API LICENSE:

- SAE 15W-40



TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	MOMENTA NANO			
Grade			15W40	15W50	20W50	20W60
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	110.2	144.0	170.3	238.6
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	15.0	19.0	19.6	25.5
Viscosity Index (min)	ASTM D-2270	-	145	150	133	137
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.885	0.887	0.890	0.889
Flash Point (min)	ASTM D-92	°C	224	224	236	230
Pour Point (max)	ASTM D-97	°C	-30	-30	-24	-24
TBN	ASTM D-2896	Mg KOH/g	11	11	11	11
CCS, (°C)	ASTM D-5293	m.Pa.S	6800 (-20)	6800 (-20)	9100 (-15)	9300 (-15)

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.lubrex.net