

MOMENTA NANO

PRODUCT DESCRIPTION:

Momenta Nano Semi Synthetic is a heavy-duty engine oil that provides excellent lubrication in today's diesel and gasoline engines operating in severe applications to keep engines clean and promote long engine life. Momenta Nano is designed using the high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention and volatility control. It is engineered to provide a strong foundation for oxidation resistance, soot handling, and wear control supplemented with excellent piston deposit protection and reduced sludge formation to help provide long engine life.

APPLICATION:

Momenta Nano Semi Synthetic provides demonstrated protection and performance in the latest high power heavy duty diesel engines from Europe, US, and Japanese manufacturers in both on-highway and off-highway applications. It is suitable for modern low emission engines meeting Euro 2, 3 and US 2002 emission requirements.

FEATURES & BENEFITS:

- Increased thermal and oxidation stability
- Reduced sludge build-up, deposits and extended engine life
- Improved corrosion protection and advanced piston deposit control
- Advanced soot handling to control viscosity increase and sludge build up
- Enhanced low temperature pumpability

PERFORMANCE LEVELS:

Meets and Exceeds:

- API Service Category CI-4/SL
- MB 228.51, MB 226.9
- Renault RXD/RLD-2/RGD
- MAN M3477/M3271-1
- Volvo VDS-3
- Deutz DQC III-10LA
- JASO DH2
- MACK EO-N
- Cummins CES 20076/20077
- MTU Type 3.1

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	MOMENTA NANO	
Grade			10W-30	10W-40
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	76.2	100.2
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	11.9	14.90
Viscosity Index (min)	ASTM D-2270	-	152	156
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.869	0.870
Flash Point (min)	ASTM D-92	°C	230	230
Pour Point (max)	ASTM D-97	°C	-36	-36
TBN	ASTM D-2896	Mg KOH/g	11	11
CCS, (°C)	ASTM D-5293	m.Pa.S	6600 (-25)	6700 (-25)

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