



MOMENTA NANO UHPD

PRODUCT DESCRIPTION:

Momenta Nano UHPD is a synthetic ultra high performance engine oil which is particularly suitable for use in all on-highway diesel heavy-duty application and is also compatible with most gas engines. The new advanced "low SAPS" technology help towards long engine life and maintain the efficiency of post-treatment systems such as diesel particulate filters (DPFs).

APPLICATION:

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). Heavy Duty Diesel Engines using low sulfur diesel fuels and many biodiesel fuel formulations. Naturally Aspirated and Turbo-Charged Diesel Powered Equipment. On-Highway Short-Haul and Long-Haul Trucks and Buses. Off-Highway Mining, Construction and Agricultural Equipment.

FEATURES & BENEFITS:

- Performs well in low emission diesel engines
- Excellent soot handling capabilities
- Exemplary thermal stability and oxidation control
- Provides anti-wear and anti-scurf capabilities
- Contains extended TBN reserves
- Excellent cold startup
- Has stay-in-grade sheer stability
- Extended drain capabilities

PERFORMANCE LEVELS:

Meets and Exceeds:

- API CJ-4
- ACEA E9/E7/E6/E4
- Caterpillar ECF-3
- Volvo VDS-4
- Cummins CES 20081
- Mack EO-O PP
- Deutz DQC IV-10 LA
- Renault RLD-3
- Scania Low Ash
- JASO DH-2
- MB 228.31/228.51/235.28
- MAN M3271/M3477/M3575
- DDC 93K218
- MTU Type 2.1/3.1
- VOITH Class B

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	MOMENTA NANO UHPD		
SAE Grade			5W-40	10W-30	10W-40
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	91.3	74.55	96.65
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	14.95	11.8	14.50
Viscosity Index (min)	D-2270	-	173	154	156
SP. Gravity @15°C/ 60°F	D-4052	g/cm ³	0.865	0.875	0.875
Flash Point (min)	D-92	°C	230	232	232
Pour Point (max)	D-97	°C	-39	-39	-39
TBN	D-2896	Mg KOH/g	9.7	9.7	9.7
CCS	D-5293	m.Pa.S	<6600 (-30°C)	<7000 (-25°C)	<7000 (-25°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 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