



MOMENTA NANO PLUS

SEMI SYNTHETIC

PRODUCT DESCRIPTION:

Momenta Nano Plus is a premium performance semi synthetic low emission heavy-duty engine oil designed for naturally aspirated and turbo-charged 4stroke diesel and petrol engines in on- and off-highway and construction machinery applications. It is formulated with a range of latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver and foam suppression additives, and is recommended for extended drain intervals.

APPLICATION:

It is recommended for 4stroke naturally aspirated and turbo-charged diesel engines, meeting Euro IV, Euro V, and the newest Euro VI emission requirements where permitted by the OEM and is suitable for use in engines with global after-treatment systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), and Selective Catalytic Reduction (SCR).

FEATURES & BENEFITS:

- Helps keep piston rings, piston lands and valves clean, and offers effective soot dispersancy and wear control, optimising engine service life and maintenance costs.
- Latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver, and foam suppression protection.
- Formulated to reduce emission control system cleaning and maintenance, improving Diesel Particulate Filter (DPF) life
- Advanced semi-synthetic base oil and additive technology helps control oxidation, sludge and oil thickening, offering extended oil drain intervals.

OEM Approvals:

- Volvo VDS-4 (SAE 10W-40)
- Mack EO-O Premium Plus (SAE 10W-40)
- Renault VI RLD-3 (SAE 10W-40)

API LICENSE:

- SAE 10W-30
- SAE 10W-40



PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/SN
- ACEA E9
- MB 228.31
- Caterpillar ECF-3
- MAN M3477/3575
- VOLVO VDS-4
- Renault RLD-3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- DEUTZ DQC III-10 LA
- FORD WSS-M2C171-F1

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	MOMENTA NANO PLUS (SEMI SYNTHETIC)	
			10W30	10W40
Grade				
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	74.15	102
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	11.75	15.1
Viscosity Index	D-2270	-	154	156
SP. Gravity @15°C/ 60°F	D-4052	g/cm ³	0.875	0.876
Flash Point (min)	D-92	°C	236	234
Pour Point (max)	D-97	°C	-39	-39
TBN	D-2896	Mg KOH/g	9.9	9.9
CCS, (°C)	D-5293	m.Pa.S	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

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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