



## MOMENTA NANO XHPD SYNTHETIC

### PRODUCT DESCRIPTION:

Momenta Nano XHPD is a synthetic extra high-performance diesel engine oil developed to provide outstanding lubrication to modern, high-performance diesel engines operating in severe on and off-highway applications. This product has been blended with highest performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control, and fuel economy improvement. These base oils are fortified with an advanced additive system which assures superior control of oil thickening caused by soot buildup and high temperature oxidation. It is formulated to provide long oil drain intervals in modern diesel engines.

### APPLICATION:

- Naturally aspirated and turbo-charged diesel powered engines built by European and Japanese manufacturers
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying, and agriculture

### 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.
- Advanced base oil and additive technology helps control oxidation, sludge and oil thickening, offering extended oil drain intervals.

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CI-4
- ACEA E7, E4
- DTRF 15B120
- MAN M3277
- Volvo VDS-3
- Scania LDF-2
- MACK EO-M Plus
- Cummins CES 20077/78
- Renault RXD/RLD2
- MTU Type 3

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	MOMENTA NANO XHPD		
			0W40	5W40	10W40
Grade					
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	14.9	15	15.2
Viscosity Index (min)	D2270	-	170	160	145
SP. Gravity @ 15°C / 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220
Pour Point (max)	D97	°C	-39	-39	-36
TBN	D2896	mg KOH/g	12.5	12.5	12.5
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6600 (-30°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](http://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](http://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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