



## VELOCITY NANO MS FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

Velocity Nano MS oils are advanced fully synthetic engine oils designed to help deliver outstanding engine protection. These oils meet the requirements of "Mid SAPS" passenger car lubricants with 0.08% phosphorus and 0.8% sulphated ash levels. These products are designed to provide improved oxidation resistance, improved deposit protection, better wear protection, enhanced fuel economy and excellent low temperature performance over the life of the oil.

### APPLICATION:

Suitable for gasoline and diesel fueled automobiles requiring ACEA C3 or ACEA C5 and API SN/CF class engine oils in select SAE viscosity grades.

### FEATURES & BENEFITS:

- Outstanding wear protection under a wide variety of operating conditions.
- Special cleaning additive to help prevent the formation of sludge and harmful deposits.
- Optimal engine operating temperature, owing to thermal control formula.
- Limits formation of deposits on the most loaded engine parts.
- Provides safe operation of catalytic exhaust converters.
- Resistant to extreme thermal load, due to high quality of base oil.
- Enables fast and easy start in extreme temperature conditions.

### API LICENSE:

- SAE 0W-40
- SAE 5W-30
- SAE 5W-40



### OEM Approvals:

- MB 229.52 (SAE 5W-30)

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
API	SN/CF	SN/CF	SN/CF	SN/CF-RC	SN/CF	SN/CF
ACEA-16	C5	C2/C3	C3	C5	C2/C3	C3
ILSAC	-	-	-	GF-5	-	-
JLR	51.5122	-	-	03.5004	-	-
MB	229.71	229.52/226.5	229.52/226.5	-	229.52/226.5	229.52/226.5
BMW	-	LL-04	LL-04	-	LL-04	LL-04
Renault	-	RN0700/0710	RN0700/0710	-	RN0700/0710	RN0700/0710
GM	-	Dexos 2	Dexos 2	-	Dexos 2	Dexos 2
Porsche	-	-	C40	-	-	C40
Volvo	VCC RBS0-2AE	-	-	-	-	-
Ford	-	-	-	948A/948B	-	917A
VW	-	505 00/505 01	505 00/505 01	-	505 00/505 01	505 00/505 01

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	VELOCITY NANO MS						
			0W-20	0W-30	0W-40	5W-20	5W-30	5W-40	
SAE Grades									
Kinematic Viscosity @ 104°F / 40°C	D445	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D445	cSt	8.7	11.8	14.9	8.9	11.6	15	
Viscosity Index (min)	D2270	-	150	160	170	150	160	160	
SP. Gravity @ 15°C / 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR	
Flash Point (min)	D92	°C	220	220	220	220	220	220	
Pour Point (max)	D97	°C	-39	-39	-39	-39	-39	-39	
TBN	D2896	mg KOH/g	8	8	8	8	8	8	
CCS, (°C)	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<6600 (-30°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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