

## VELOCITY NANO

### PRODUCT DESCRIPTION:

VELOCITY NANO is a high quality synthetic lubricant that incorporates anti-wear protection, as well as protection against sludge and deposit formation. This multi-grade oil meets the highest API quality requirement (SM) for gasoline engine passenger cars, sport utility vehicles, vans and light trucks. These oils are designed to provide improved oxidation resistance, improved deposit protection, better wear protection and better low-temperature performance over the life of the oil.

### APPLICATION:

Recommended for gasoline fueled automobiles and light duty trucks requiring an API SM/CF.

### FEATURES & BENEFITS:

- Designed to flow at low temperatures to get to vital engine parts quickly
- Resists oxidation thickening to maintain proper flow under severe operating conditions
- Provides excellent deposit and wear protection
- Improved fuel economy
- Excellent oxidation resistance
- Optimal engine operating temperature, owing to thermal control formula.
- Provides safe operation of catalytic exhaust converters.
- Resistant to extreme thermal load

### PERFORMANCE LEVELS: Meets and Exceeds:

- API Service Category SM/CF
- MB 229.3
- ACEA A3/B4
- VW 502 00 / 505 00
- RN 700, RN 710
- GM-LL-B-025
- Porsche A40
- BMW Longlife - 01

### API LICENSE:

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



### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	VELOCITY NANO			
Grade			0W-30	0W-40	5W-30	5W-40
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	67.8	89.1	67.75	92.1
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	11.94	14.82	11.67	14.80
Viscosity Index (min)	ASTM D-2270	-	175	174	169	170
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.856	0.857	0.859	0.858
Flash Point (min)	ASTM D-92	°C	226	228	230	230
Pour Point (max)	ASTM D-97	°C	-39	-39	-36	-36
TBN	ASTM D-2896	Mg KOH/g	8	8	8	8
CCS, (°C)	ASTM D-5293	m.Pa.S	5900 (-35)	5900 (-35)	6400 (-30)	6450 (-30)

### 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)