



VELOCITY NANO XP

PRODUCT DESCRIPTION:

Velocity Nano XP oils are formulated with high performance base stocks and fortified with proprietary advanced additive system, designed to provide our longest lasting engine protection. These oils control oil breakdown to maximize wear protection and prevent harmful sludge during extended oil change intervals. Velocity Nano XP oils are designed to provide protection against LSPI (low speed pre-ignition) in TGD1 engines and to help limit turbo coking and deposits that can lead to turbo charger temperature increase or bearing failure.

APPLICATION:

Recommended for North American, European & Japanese high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks where API SP, SN Plus, ILSAC GF-6 and / or API SN, API SM, API SL quality oils are specified. Passenger cars and light-duty vehicles running on gasoline and ethanol-containing fuels up to E85. Suitable for modern turbo-charged direct injection gasoline engines where LSPI protection is required. ILSAC GF-6B is not backwards compatible with older engines.

FEATURES & BENEFITS:

- Excellent engine cleanliness
- Engine protection under a wide variety of operating conditions
- Optimum power & performance under most severe driving conditions
- Fully compatible with all emission control devices and all gasoline grades
- Helps reduce engine wear and corrosion

API LICENSE:

- SAE 5W30



PERFORMANCE LEVELS / MEETS OR EXCEEDS:

| SAE GRADES | 0W-16 | 0W-20 | 0W-30 | 5W-20 | 5W-30 | 10W-30 | 5W-40 | 10W-40 | 15W-40 | 20W-50 |
|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|-------------|--------------|--------------|
| API | SN PLUS (RC)/ SP (RC) | SN PLUS (RC)/ SP (RC) | SN PLUS (RC)/ SP (RC) | SN PLUS (RC)/ SP (RC) | SN PLUS (RC)/ SP (RC) | SN PLUS (RC)/ SP (RC) | SN PLUS/ SP | SN PLUS/ SP | SN PLUS / SP | SN PLUS / SP |
| ILSAC | GF-6B | GF-5 | GF-5 | GF-5 | GF-5 | GF-5 | - | - | - | - |
| GM | - | DEXOS1 | - | DEXOS1 | DEXOS1 | - | - | - | - | - |
| CHRYSLER | - | MS6094M | - | MS6094M | MS6094M | MS6094M | - | - | - | - |
| FORD | - | 947A | - | 945A | 946A | - | - | - | - | - |

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | VELOCITY NANO XP | | | | | | | | | | |
|-----------------------|-------|-------------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|
| | | | 0W-16 | 0W-20 | 0W-30 | 5W-20 | 5W-30 | 5W-40 | 10W-30 | 10W-40 | 15W-40 | 20W-50 | |
| KV@104°F /40°C | D7042 | cSt | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR |
| KV@212°F /100°C | D7042 | cSt | 7.2 | 8.3 | 11.5 | 8.3 | 10.3 | 14.8 | 10.3 | 14.8 | 14.9 | 19.5 | |
| Viscosity Index (min) | D2270 | - | 150 | 150 | 160 | 150 | 160 | 160 | 145 | 145 | 135 | 120 | |
| SP. Gravity @15°C | D4052 | g/cm ³ | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR | |
| Flash Point (min) | D92 | °C | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | |
| Pour Point (max) | D97 | °C | -39 | -39 | -39 | -39 | -39 | -39 | -36 | -36 | -33 | -24 | |
| TBN | D2896 | mg KOH/g | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| CCS | D5293 | m.Pa.S | <6200 (-35°C) | <6200 (-35°C) | <6200 (-35°C) | <6600 (-30°C) | <6600 (-30°C) | <7000 (-25°C) | <7000 (-25°C) | <7000 (-25°C) | <7000 (-20°C) | <9500 (-15°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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