

**PCMO** 



## **Technical Data Sheet**

# VELOCITY NANO C5

## PRODUCT DESCRIPTION:

Velocity Nano CS is a fully synthetic miDSAPS engine oil suitable for the latest engine technology. It ensures outstanding wear protection, strong durability and exceptional fuel economy performance in latest diesel and petrol engine fitted with Diesel Particulate Filters (DPF), Gasoline Particulate Filters (GPF) and Catalytic Converters. Velocity Nano CS is compliant with Euro VI emission standards.

## APPLICATION:

Velocity Nano C5 is recommended for new diesel and gasoline engines requiring an SAE 0W20 VW 508 00 / 509 00, VW TL 52577 or Porsche C20 specifications. VW 508 00 509 00 specification is a unique specification and therefore is not backward compatible with older engines.

## FEATURES & BENEFITS:

- Strong LSPI performance
- Excellent low temperature flow
- · Exceptional viscosity stability at high temperatures
- · Outstanding oil film resistance and reduction in friction
- · Optimised for strong oxidation performance
- · Fuel economy benefits
- Protects against wear even at low viscosity
- Extended oil drain interval
- · Enhanced acid neutralisation and TBN retention capability

## PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API SN Plus
- ACEA C5
- VW 508 00 / 509 00
- VW TL52577
- Porsche C20

## TYPICAL PROPERTIES:

| PARAMETERS                         | ASTM  | UNIT              | VELOCITY NANO C5 |
|------------------------------------|-------|-------------------|------------------|
| Grade                              |       |                   | 0W-20            |
| Kinematic Viscosity @ 104°F /40°C  | D7042 | cSt               | TBR              |
| Kinematic Viscosity @ 212°F /100°C | D7042 | cSt               | 8.8              |
| Viscosity Index (min)              | D2270 | -                 | 150              |
| Density@15°C/ 60°F                 | D4052 | g/cm <sup>3</sup> | TBR              |
| Flash Point (min)                  | D92   | °C                | 220              |
| Pour Point (max)                   | D97   | °C                | -39              |
| TBN                                | D2896 | mg KOH/g          | 8.2              |
| CCS                                | D5293 | m.Pa.S            | <6200 (-35°C)    |

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

#### 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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