

## TITAN CNG OIL 20W 50

### High Performance Motor Oil for Gas Engines

#### Description

TITAN CNG OIL is premium quality, mono/multi-grade engine lubricants suitable for, and meeting the performance requirements of American, European and Asian car manufacturers.

TITAN CNG OIL is formulated from highest quality base oils blended with a proven share-stable viscosity index improver to give fluidity and easy starting in winter, together with good lubrication and low oil consumption at high operating temperatures. They contain a unique low ash, detergent additive package that keeps pistons and rings deposit-free despite adverse peak temperatures. This additive package also disperses and neutralizes harmful acid sludge formed during cold running. Scuffing and undue wear of rings, bores and valve train components are prevented by special anti-wear agents. Additional additive treatment minimizes oil thickening, helps prevent the formation of deposits at high temperatures and gives excellent protection against rust, corrosion and foaming.

#### Application

Modern automotive engines are subjecting the motor oil to increasingly severe conditions. Increased power output, extended drain intervals, more stop-go operation and high operating temperatures are additional factors influencing the need for high motor oil quality. TITAN CNG OIL has been specially developed to cope with these arduous conditions using stringent performance tests.

TITAN CNG OIL 20W50 is suitable for year round use in all four-stroke gas engines, including those with positive crankcase ventilation (PCV) and other anti-pollution devices. It is equally satisfactory in all normally aspirated gasoline and diesel engines.

#### Specifications

API SJ/CF

### TITAN CNG OIL

| Properties                   | Unit               | Value  | Test Method |
|------------------------------|--------------------|--------|-------------|
| SAE Grade                    |                    | 20W-50 | DIN 51 511  |
| Density @ 15 °C              | g/ml               | 0.887  | ASTM D 4052 |
| Flash Point, COC             | °C                 | 238    | ASTM D 92   |
| Pour Point                   | °C                 | -24    | ASTM D 97   |
| Dynamic Viscosity @ - 15 °C  | mPa.s              | 8500   | ASTM D 5293 |
| Kinematic Viscosity @ 40 °C  | mm <sup>2</sup> /s | 170    | ASTM D 445  |
| Kinematic Viscosity @ 100 °C | mm <sup>2</sup> /s | 18.7   | ASTM D 445  |
| Viscosity Index              | -                  | 124    | ASTM D 2270 |
| TBN                          | mg KOH/g           | 5      | ASTM D 2896 |

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