

PRODUCT INFORMATION



VALVOLINE™ PREMIUM PROTECTION 20W-50

Valvoline Premium Protection 20W 50 is a multi-grade engine oil formulated with advanced additive technology and highly refined, premium quality base stocks that protect today's engines against undesirable deposits, contamination, and viscosity and thermal breakdown under severe service conditions. It meets the performance requirements of virtually all naturally aspirated, turbocharged and supercharged gasoline fueled passenger cars and light duty trucks.

Valvoline Premium Protection 20W-50 Advantages:

- Very good protection for Turbo Charged Gasoline Direct Injection engines from Low Speed Pre-Ignition (LSPI) and timing chain wear
- **High Temperature Protection:** Resists breakdown in the most severe engine environments
- **Low Temperature Protection:** Flows easily at low temperatures, reducing wear at start-up
- **High Detergency:** Fights formation of sludge and varnish deposits that reduce engine life
- **Wear Protection:** Contains anti-wear additives that dramatically reduce engine wear

PERFORMANCE LEVEL

API SN Plus /CF

Typical properties:

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

| Typical Characteristics | |
|----------------------------------|------|
| Kinematic Viscosity, cSt @ 40°C | 170 |
| Kinematic Viscosity, cSt @ 100°C | 18.6 |
| Viscosity Index | 122 |
| TBN, mg KOH/g | 7.5 |
| Pour Point, °C, Max. | -27 |
| Flash Point, COC, °C, Min. | 240 |
| CCS @ -15°C, cP, Max. | 8200 |

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 representative or through our website <https://sds.valvoline.com/>

This information only applies to products manufactured in the following location(s): Singapore

Effective date Author
AUG 2020 AS