

PRODUCT INFORMATION



VALVOLINE™ DAILY PROTECTION™ SAE 50 MOTOR OIL

Valvoline Daily Protection SAE 50 Motor Oil monograde is formulated with advanced additive technology and highly refined, premium quality basestocks that protect today's engines against undesirable deposits, contamination, and viscosity and thermal breakdown under severe service conditions. **Daily Protection SAE 50** offers excellent protection to gasoline engines operating under high temperature and heavy-duty service (hauling trailers, boats or RVs for sustained periods)*.

Valvoline Daily Protection SAE 50 Motor Oil is approved and licensed for the newly adopted API SP classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

Valvoline Daily Protection SAE 50 Motor Oil Advantages:

- **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.
- **Turbo Approved:** Provides excellent protection to critical turbo unit components.

Approvals and Licenses:	SAE 50
API SP	X
API SN with SN Plus	X

Typical Properties:	SAE 50
KV100 (cSt)	20.0
KV40 (cSt)	231
Viscosity Index	99
Density @ 15 °C g/m ³	0.889
Pour Point (°C)	≤ -9
TBN (meq KOH/g)	7.1
HTHS (cP)	5.6
Zinc (ppm)	760
Phosphorous (ppm)	690
Noack (% loss)	<6.0

* VALVOLINE MOTOR OILS (DAILY PROTECTION) are not recommended for use in diesel fueled vehicles. Use Valvoline All Fleet Plus or Valvoline Advanced Full Synthetic motor oils (see owner's manual)

See operator's manual for recommended viscosity grade and API service classification.

This information only applies to products manufactured in the following location(s): USA, Canada.

Effective Date:
1/12/21

Author:
LK