

MOTOTECH 5W-20 VL



PRODUCT DESCRIPTION

A premium-quality engine oil engineered to provide highly effective protection against deposit formation, particularly in modern gasoline direct injection (GDI) engines with or without turbocharging. The advanced formulation adapts to varying driving conditions and is designed to help prevent low-speed pre-ignition (LSPI), supporting consistent performance, excellent engine cleanliness, and long-term durability throughout the service interval. Suitable for high-performance petrol engines as well as natural gas vehicles (NGV/LPG).

BENEFITS

- Advanced LSPI protection helps prevent low-speed pre-ignition in modern downsized engines.
- Compatible with biofuels and three-way catalysts (TWC).
- Excellent deposit control reduces the build-up of harmful engine deposits.
- Exceptional fuel economy through reduced internal friction.
- High-performance anti-wear technology helps protect critical engine components.
- Superb low temperature pumpability ensures rapid oil circulation and protection during cold starts.

APPLICATIONS

Suitable for petrol vehicles including engines with fuel injection systems or turbochargers. Recommended for vehicles with or without exhaust emission aftertreatment devices. Suitable for hybrid vehicles, including the latest self-charging and plug-in systems.

TYPICAL TEST DATA

Appearance	-	Clear&bright,undyed
Density @ 15°C	-	0.83
Flash Point (°C)	-	200
Kinematic Viscosity @ 40°C (mm²/s)	-	45
Kinematic Viscosity @ 100°C (mm²/s)	-	8.2
Pour Point (°C)	-	-45
Total Base Number (mg KOH/g)	-	7
Viscosity Index	-	157

RECOMMENDED BY MOTOSHIELD OILS AS SUITABLE FOR THE FOLLOWING APPLICATIONS

API	SP + RC
ILSAC	GF - 6A