



Full Synthetic 5W-40

PREMIUM MOTOR OILS FOR HIGH PERFORMANCE
GASOLINE ENGINES - API SM/CF

Product Description:

Olympus Full Synthetic SM/CF Motor Oil is a high performance oil designed to meet the latest car manufacturers warranty requirements. Specifically formulated to meet the demands of the small displacement high RPM fuel efficient engines found in today's domestic and foreign automobiles. These engines experience higher operating temperatures and require a motor oil which offers maximum protection against both viscosity and thermal breakdown. The oil is 100% full synthetic of the highest quality and special additives which protects against high temperature oxidation, wear, and viscosity breakdown. It is fortified with detergent-dispersants and rust and corrosion inhibitors to keep engines exceptionally clean and free of sludge, varnish and rust. Friction Modifiers provide reduced internal friction between moving engine parts.

Typical Uses:

- Olympus Full Synthetic SAE 5W-40 SM/CF Motor Oil exceeds API Service Classification SM and MIL-L-46152E and is recommended for domestic and foreign high performance engines- especially recommended for small, high RPM engines including those that are turbocharged.
- Recommended for passenger cars, light duty pickups, motorcycles and other gasoline engines in mobile and stationary service.
- Appropriate viscosity grades meets the warranty requirements of Chrysler factory fill specification, Ford Motor Co. specification ESE-M2C153-E, and General Motors specification GM 6094-M.
- Appropriate viscosity grades meets the warranty.
- Meets Automotive Diesel performance API CF.
- Meets ACEA A3-02 for gasoline engines.

Features:

- Highly oxidation stable - protects engine from oil thickening, high temperature sludge and varnish deposits.
- Shear stable viscosity index improver-protects against viscosity breakdown in severe service.
- Effective detergent-dispersants keeps engine parts clean.
- Improved fuel economy means better gasoline mileage.
- High TBN/alkaline reserve effectively neutralizes corrosive acids formed by combustion to protect critical turbo bearings and other vital engine surfaces.
- Anti-wear agents effectively protect cam lobes and other highly loaded parts from wear.

TYPICAL INSPECTIONS

SAE Viscosity Grade	ASTM Test	5W-40
Gravity, °API	D-287	34.8
Flash Point, °F.	D-92	428
Fire Point, °F.	D-92	450
Pour Point, °F.	D-97	-35
Viscosity:		
SUS @ 100°F.	D-2161	440
SUS @ 210°F.	D-2161	75
cSt @ 40°C.	D-445	88.9
cSt @ 100°C.	D-445	14.4
CCS @ -30°C, cP	D-5293	3900
Viscosity Index	D-2270	178
Color,	D-1500	3.0
Sulfated Ash, Wt. %	D-874	0.80
Zinc, Wt. %	D-5185	0.08
Phosphorus, Wt. %	D-5185	0.07
TBN	D-2896	7.6