



AMALIE High Mileage Semi-Synthetic 5W-30

(05/17/21 edition)

Amalie High Mileage Semi-Synthetic 5W-30 is specially designed to help reduce leaks and oil consumption in worn or higher mileage engines. It is formulated to clean out sludge buildup and keep engines running clean with increased efficiency and power. It is particularly beneficial for engines with over 75,000 miles.

Amalie High Mileage Semi-Synthetic 5W-30 is engineered for use in gas-direct (GDI) and turbo gas-direct engine (TGDI) designs as well as carbureted or normally fuel injected engines. A proprietary formulation utilizing a blend of premium synthetic and conventional base stocks, a shear stable viscosity modifier, and the latest additive technologies provide an excellent defense against low-speed pre-ignition (LSPI) in TGDI engines and enhanced protection for all gasoline engine designs. It may be used in passenger cars and light duty trucks requiring the use of API SP, SN / SN Plus, SN, SM, SL, or when ILSAC GF-6, or prior service category oils are required. It offers increased oxidation performance, better wear protection, and enhanced shear stability over previous oil categories and conventional formulations.

Always consult your vehicle's owner's manual when selecting the appropriate viscosity and service grade.

Benefits:

- Formulated to Prevent LSPI (Low-Speed Pre-Ignition) in GDI and TGDI Engines.
- Excellent Protection for Metal Components from Rust, Corrosion and Wear.
- Compatible with Conventional and Synthetic Engine Oils.
- Improved Sludge Control.
- Reconditions Seals to Reduce Oil Leaks.

Typical Physical and Chemical Properties

Viscosity Grade.....	5W-30
Kinematic Viscosity @100°C, cSt.....	10.75
Kinematic Viscosity @40°C, cSt.....	64.3
Viscosity Index.....	157
Cold Cranking Viscosity, cP.....	6200 @ (-30°C)
Flash Point, °C (°F).....	220 (428)
Pour Point, °C (°F).....	-39 (-38)
Density, S.G.....	0.865
MRV, cP.....	23,000 @ (-35°C)

Typical values are listed. Variations not affecting the performance of this fluid may occur during production.

Application Chart on Page 2.

Health and Safety

Safety Data Sheets (SDS) are available on line at AMALIE.com or from your AMALIE Representative.

AMALIE High Mileage Semi-Synthetic 5W-30**Application Chart**

SPECIFICATIONS	High Mileage Semi-Syn. 5W-30
API:	
SP, SN / SN Plus, SN, SM, SL	√
CF	√
ILSAC:	
GF-6A, GF-5, GF-4, GF-3	√
Ford:	
M2C 961-A	√
M2C 946	√
Chrysler:	
MS 6395K	√
General Motors:	
GM 4718M	√
GM 6094M	√
Honda	√
Hyundai	√
Nissan	√
Toyota	√
CID AA-52039	√
Mil-L-2104-B	√
Mil-L-46152	√

√ - Exceeds Performance Requirements

Some OEM Specifications are Viscosity Specific. Please Consult your AMALIE Representative.
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