



AMALIE Elixir Full Synthetic 5W-50

(05/17/21 edition)

AMALIE Elixir Full Synthetic 5W-50 is a full synthetic motor oil blended with high quality synthetic base stocks, a shear stable viscosity modifier, and the latest additive technology to provide the ultimate protection & performance for a wide range of vehicle demands. Specifically formulated for the rigorous environment of gas-direct engine (GDI) and turbo gas-direct engine (TGDI) designs as well as providing increased protection for carbureted or normally fuel injected engines. It contains additive technology designed to prevent low-speed pre-ignition (LSPI). LSPI can lead to pre-mature engine failure and is a major concern of engine manufacturers. AMALIE Elixir Full Synthetic 5W-50 is formulated to exceed the latest API SP engine oil categories. It delivers superior performance for wear control, deposit control, oxidative stability, piston cleanliness, and timing chain wear over previous API oil categories as well as conventional and synthetic blend oils.

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

Benefits:

- Exceptional and Extended Engine Protection in Severe Operating Conditions.
- LSPI (Low Speed Pre-Ignition) Protection Throughout the Drain Interval.
- Reduced Oil Thickening & Consumption.
- Proven Turbo and Super Charger Protection.
- Ultimate Deposit Control and Engine Cleanliness.

Typical Physical and Chemical Properties

Viscosity Grade.....	5W-50
Kinematic Viscosity @100°C, cSt.....	17.5
Kinematic Viscosity @40°C, cSt.....	109.0
Viscosity Index.....	177
Cold Cranking Viscosity, cP @ (-30°C).....	6000
Flash Point, °C (°F).....	224(435)
Pour Point, °C (°F).....	-36(-33)
Density, S.G.....	0.853
HTHS Viscosity, cP.....	3.9

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

Applications

AMALIE Elixir Full Synthetic 5W-50 meets the performance requirements of API SP, SN / SN Plus, SM, SL/CF, and previous API categories. Recommended for High-load, high revving engines such as racing applications.

Health and Safety

Safety Data Sheets (SDS) are available from your AMALIE representative or at AMALIE.com.