



AMALIE Imperial Turbo Formula 5W-20

(05-17-21 edition)

AMALIE Imperial Turbo Formula 5W-20 is formulated to exceed the latest API SP and ILSAC GF-6A engine oil categories. Incorporating high viscosity index base oils, shear stable viscosity modifiers and the latest additive technology, it is 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. AMALIE Imperial Turbo Formula 5W-20 offers improved performance for wear control, oxidative stability, piston cleanliness, and chain wear over previous API and ILSAC oil categories.

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

Benefits:

- LSPI (Low Speed Pre-Ignition) Protection Throughout the Drain Interval.
- Excellent Oil Thickening Control.
- Increased Wear Protection.
- Improved Deposit Control.
- Protection Across a Wide Temperature Operating Range.

Typical Physical and Chemical Properties

Viscosity Grade.....	5W-20
Kinematic Viscosity @100°C, cSt.....	8.5
Kinematic Viscosity @40°C, cSt.....	50.0
Viscosity Index.....	150
Cold Cranking Viscosity, cP @ (-30°C)	5900
Flash Point, °C (°F)	210 (410)
Pour Point, °C (°F)	-39 (-38)
Density, S.G.....	0.8612
MRV, cP @ (-35°C)	21,500

Typical values are listed. Variations not affecting the performance of this fluid may occur during production however; these variations will not fall outside of set specification parameters.

Applications

API SP, SN Plus/ SN, SM/CF and all previous categories	ILSAC GF-6A and all previous categories
Chrysler MS-6395	Ford WSS-M2C960-A
GM 6094M	Nissan
Honda	Toyota
Hyundai	Kia

Please consult Amalie Technical Services or your local representative for a full listing of applications.

Health and Safety

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