



**SAE 5W-20**  
**API SP ILSAC GF-6A**  
**SYNTHETIC BLEND**

## PRODUCT DATA SHEET

MOTOR STAR is an advanced synthetic blend formula utilizes the advantages of blended synthetic technology to better prevent dirt and contaminants from turning into performance robbing deposits. Because we know, a cleaner engine is better protected and responsive. It meets or exceeds the engine protection required by ILSAC GF-6A specifications. It is specially formulated to provide extra protection for severe driving conditions. Formulated for modern engines.

MOTOR STAR SAE 5W-20 Motor Oil can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

Suitable for modern turbocharged engines where low- speed pre-ignition protection is required.

Consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

### Advantages

- Keeps engine clean and responsive.
- Provides proven wear protection

**Exceeds the requirements of the following industry specifications:**

API SP-Resource Conserving and all previous Categories

API SP

ILSAC GF-6A and all previous ILSAC Specifications



### Typical Product Properties

Characteristic	Method	Performance
Viscosity Grade		5W-20
Service Category		SP
ILSAC		GF-6A
ACEA		N/A
Density @15°C kg/m <sup>3</sup>	ASTM D4052	855.5
Flash Point °C	ASTM D93	211
Pour Point °C	ASTM D97	-42
Kinematic Viscosity @40°C cSt	ASTM D445	49.01
Kinematic Viscosity @100°C cSt	ASTM D445	8.63
Viscosity Index	ASTM D2270	150
CCS Viscosity @-305°C cP	ASTM D5293	5 200
MRV Viscosity @-35°C cP	ASTM D4684	18 000

### Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.