



Published by Product Quality Group - Marathon Petroleum Company LLC



TECHNEWS

AMERICAN SPIRIT 5W-30 MOTOR OIL

PRODUCT

Multi-Grade Detergent Motor Oil

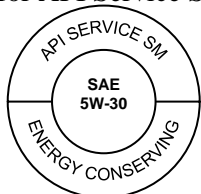
FEATURES

Energy Conserving: Formulated with an advanced additive that reduces engine friction. This additive allows Marathon SAE 5W-30 to meet the requirements of an *Energy-Conserving* oil. An *Energy-Conserving* oil improves fuel economy.

Easier Cold Engine Starting: SAE 5W-30 provides the necessary film on engine parts to reduce friction and ease starting. *Energy Conserving* formulation enables the motor oil to flow faster through an engine at all temperatures.

Advanced Detergent Package: Holds sludge and deposits in suspension for a cleaner, longer-lasting engine.

Approvals: SAE 5W-30 meets quality specifications for API Service SM and ILSAC GF-4.



API Service SM



ILSAC GF-4

Products displaying the **API Donut** and the **ILSAC* Starburst** meet the latest oil quality requirements of the automakers.

Applications

Especially suitable for late model passenger cars requiring an SAE 5W-30 grade motor oil of API Service SM.

Warranty Validation: Meets engine requirements for newer domestic and foreign cars. Customers are assured that use of Marathon SAE 5W-30, as recommended by the manufacturer, will not void their vehicle's warranty.

Caution! *Customers are advised to check the motor oil recommendations for their vehicles. Auto manufacturers recommend specific viscosity grades of motor oil for certain ambient temperature ranges. Use of a motor oil outside its recommended temperature range can cause lubrication related problems and lead to permanent engine damage. Marathon cannot be responsible for the misapplication of American Spirit 5W-30.*

TYPICAL PROPERTIES	
	SAE 5W-30
Gravity, °API	33.03
Viscosity, cSt@40°C	61.2
cSt@100°C	10.5
Viscosity Index	158
Flash Point, COC, °C	220
Pour Point, °C	-39
Sulfated Ash, % Wt	0.80
Zinc, % Wt	0.083

* International Lubricant Standardization and Approval Committee