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# TECHNEWS

## AMERICAN SPIRIT 10W-30 MOTOR OIL

### PRODUCT

Multi-Grade Detergent Motor Oil

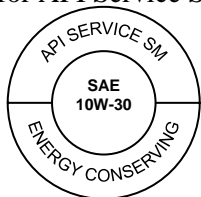
### FEATURES

**Energy Conserving:** Formulated with an advanced additive that reduces engine friction. This additive allows Marathon SAE 10W-30 to meet the requirements of an *Energy-Conserving* oil. An *Energy-Conserving* oil improves fuel economy.

**Multi-Viscosity:** SAE 10W-30 contains a viscosity modifier that gives it the easy starting characteristics of an SAE 10W oil and the high temperature performance of an SAE 30 oil.

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

**Approvals:** SAE 10W-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

Suitable for late-model passenger cars requiring an SAE 10W-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 10W-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 10W-30.*

TYPICAL PROPERTIES	
	SAE 10W-30
Gravity, °API	30.8
Viscosity, cSt@40°C	69.7
cSt@100°C	10.7
Viscosity Index	141
Flash Point, COC, °C	216
Pour Point, °C	-36
Sulfated Ash, % Wt	0.80
Zinc, % Wt	0.083

\* International Lubricant Standardization and Approval Committee