

PRODUCT DATA SHEET



Marathon Endurance[®] High Mileage Motor Oils

Product Description

Marathon Endurance[®] High Mileage is a premium quality passenger car motor oil (PCMO). This synthetic blend automotive engine oil features advanced conditioning agents and additives ideal for older, well-worn engines with more than 75,000 miles. The “high mileage” formulation keeps engines running clean and prevents seals from leaking. Marathon Endurance[®] High Mileage Motor Oils reduce oil consumption, common in older engines.

Marathon Endurance[®] High Mileage Motor Oils offer outstanding protection against sludge, engine rust, and corrosion. Its special formulation resists oil thickening, delivering improved oxidation control under severe service and low-temperature operating conditions.

Features

- ✓ Designed to protect emissions control system catalysts
- ✓ Superior dispersant properties combat sludge build-up
- ✓ Seal conditioners reduce leaks
- ✓ Yields excellent fuel economy
- ✓ Offers optimal low temperature pumpability for cold start protection
- ✓ Available in multi grade viscosities²

Industry and OEM Applications

- API SP, SN Plus and prior
- Resource Conserving, ILSAC GF-6¹

Applications:

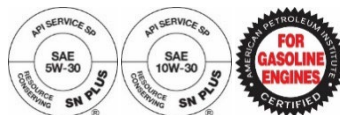
Marathon Endurance[®] High Mileage offers optimal protection for high mileage engines. After 75,000 miles, risks can increase for excessive oil consumption, sludge formation, and engine wear. Marathon Endurance[®] High Mileage’s advanced formulation combats these harmful effects, keeping engines running cleaner and longer.

PRODUCT DATA SHEET



Marathon Endurance[®] High Mileage Motor Oils

Technical Data (typical values)



SAE Grade		5W-30	10W30
Product Numbers		0197 (bulk); 0198 (55 g drum); 0200 (12/1 qts)	0201 (bulk); 0202 (55 g drum); 0204 (12/1 qts)
Resource Conserving ILSAC GF-6A		YES	YES
Viscosity @ 100°C, cSt	D445	10.53	10.55
Viscosity @ 40°C, cSt	D445	65.57	63.98
Viscosity Index	D2770	149	154
Specific Gravity at 60°F	D4052	0.8576	0.8597
Pour Point, °C	D5950	-45	-45
Flash Point @ °C	D92	202	203
Color ASTM	D1500	L3.0	L3.0
CCS, cP	D5293	6400 (-30°C)	4000 (-25°C)
Noack Volatility %w	D5800	11.2	11.4
TBN	D2896	7	7

(1) For ILSAC viscosity grades

(2) Always follow operator's manual for recommended viscosity grade and API service classification

The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed Containers.