

# FS Synthetic Passenger Car Motor Oil 0W-40

## Description

This API 0W-40 Full-Synthetic gasoline motor oil is formulated to provide outstanding anti-wear protection, high-temperature oxidation resistance and excellent cold-flow properties. Meets the latest and most stringent domestic performance specifications, fuel efficient, and emissions-system complaint.

## Features:

- Delivers excellent heat resistance and cold-temperature performance.
- Highly active zinc/phosphorus additives deliver excellent wear protection.
- High detergent/dispersant content maintains engine cleanliness.
- Low oil consumption.
- Compatible with conventional and synthetic engine oils.
- API SP Resource Conserving, ILSAC GF-6
- API SN PLUS, SN, SM

## Typical Properties:

Description	Test	SAE Grade 0W-40
Viscosity 100°C, cSt	ASTM D445	15.2
Viscosity 40°C, cSt	ASTM D445	87.2
Viscosity Index	ASTM D2270	184
Cold Crank Simulator, cP	ASTM D5293	5119 (-35)
Specific Gravity (g/ml)	ASTM D1298	0.8413
Density (lb/gal)	ASTM D1298	7.005
Color	ASTM D1500	L3.5
Flash Point, °C (°F) (COC)	ASTM D92	228 (442)
Fire Point, °C (°F) (COC)	ASTM D92	244 (471)
Pour Point, °C (°F)	ASTM D97	-50 (-58)
NOACK (% wt loss)	ASTM D5800	10.9%
Four Ball Wear (75°C, 1200 rpm, 40 kg, 1 hr)	ASTM D4172	0.45
Total Base Number (TBN)	ASTM D2896	8.0
HTHS (cP)	ASTM D5481	4.0

## Product Availability:

- Offered in pails and drums, contact your local FS Energy Specialist for availability.