

SERVICE PRO™

Premium Lubricants

SERVICE PRO® PREMIUM SYNTHETIC BLEND MOTOR OILS

DESCRIPTION: SERVICE PRO® Premium Synthetic Blend Motor Oils are premium quality motor oils designed to provide optimum performance in high-output gasoline (including turbocharged and supercharged) engines in passenger cars, vans, sport utility vehicles, and light trucks. The new technology incorporated in this latest-generation lubricant enables it to exceed manufacturers' performance requirements. These motor oils demonstrate improved performance in today's advanced engine designs.

PERFORMANCE BENEFITS:

- Exceed latest SAE low-temperature pumping viscosity requirements.
- Provide improved performance in foaming control.
- Provide significantly greater engine cleanliness, wear protection and resistance to oil thickening.
- Protect against varnish buildup and sludge formation on critical engine parts.
- Control high-temperature deposits in critical ring belt area.
- Provide maximum protection against rust and corrosion.
- Meet SAE standards for high-temperature/high-shear rate viscosity.
- Extend engine life by controlling wear and deposit formation.

SERVICE CATEGORIES:

- All viscosity grades exceed requirements for API SL, SJ and obsolete category SH.
- SAE 5W-20 and 5W-30 – API SM
- SAE 5W-20 and 5W-30– API Engine Lubrication Oil Certification Mark for ILSAC GF-4.
- SAE 5W-20 and 5W-30 – Meet the performance requirements of Ford WSS-M2C 930-A and M2C929- A respectively.
- SAE 5W-20 – Meets the performance requirements of Honda SAE 5W-20 specification.
- SAE 5W-30 – Meets the performance requirements of General Motors GM6094M.
- Military CID: A-A-52039 (Commercial Item Description, supercedes MIL-L-46152).

APPLICATIONS:

SERVICE PRO® Premium Synthetic Blend Motor Oils are recommended for passenger cars, sport utility vehicles, and light trucks operating on gasoline. SERVICE PRO® Premium Synthetic Blend Motor Oils are also recommended for use in gasoline engines which have been converted to operate on compressed natural gas (CNG), liquefied natural gas (LNG), and liquefied petroleum gas (LPG—which includes propane and butane). Consult the vehicle owner's manual for proper engine lubricant selection. SERVICE PRO® Premium Synthetic Blend 5W-20 is recommended for those engines requiring an SAE 5W-20 viscosity grade. SERVICE PRO® Premium Synthetic Blend SAE 5W-20 and 5W-30 meet the performance requirements for latest gasoline-fueled engine service and display the API Certification Mark. SERVICE PRO® SERVICE PRO® Premium Synthetic Blend SAE 5W-20 and 5W-30 have also demonstrated benefits in industry accepted fuel economy tests.

Note: SERVICE PRO® Premium Synthetic Blend Motor Oils are not recommended for use in diesel engines in passenger cars, vans or light trucks. SERVICE PRO® Premium Heavy Duty Motor Oils are recommended for these applications.

TYPICAL PROPERTIES:**SERVICE PRO® PREMIUM SYNTHETIC BLEND MOTOR OILS**

SAE Grade	5W-20	5W-30
Gravity, ASTM D 4052, °API	32.8	32.6
Pounds Per Gallon	7.17	7.18
Flash Point, COC, °F (°C), ASTM D 92	421 (229)	448 (231)
Viscosity, ASTM D 445, cSt at 40°C	46	64
cST at 100°C	8.2	10.6
Viscosity, ASTM D 2161, SUS at 100°F	235	325
SUS at 210°F	53.6	62.4
Viscosity, ASTM D 2270	152	157
Low Temperature Cranking, ASTM D 5293		
Temperature °F (°C)	-22 (-30)	-22 (-30)
Viscosity, cP	5,000	6,100
Low Temperature Pumpability, ASTM D 4684		
Temperature °F (°C)	-31 (-35)	-31 (-35)
Viscosity, cP	17,000	23,000
Yield Stress, Pa	None	None
HTHS Rate, ASTM D 4683, Vis cP at 150°C	2.6	3.1
Color, ASTM D 1500	L3.0	L3.0
API Service Category	SM	SM
API Certification Mark	Yes	Yes
Energy Conserving	Yes	Yes