

SERVICE PRO®

SERVICE PRO® PREMIUM MOTOR OILS

DESCRIPTION: SERVICE PRO® Premium 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. SERVICE PRO® Premium Motor Oils are available in both single and multigrades.

**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:**

- SAE 5W-20, 5W-30 and 10W-30 API SM; other viscosity grades – API SL; all exceed requirements or API SJ and obsolete category SH.
- SAE 5W-20, 5W-30 and 10W-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.
- Military CID: A-A-52039 (Commercial Item Description, supercedes MIL-L-46152).

APPLICATIONS:

SERVICE PRO® Premium Motor Oils are recommended for passenger cars, sport utility vehicles, and light trucks operating on gasoline. SERVICE PRO® Premium Motor Oils are also recommended for use in gasoline engines which have been converted to operate on compressed natural gas (CNG), liquified natural gas (LNG), and liquified petroleum gas (LPG—which includes propane and butane). *Consult the vehicle owner's manual for proper engine lubricant selection.*

SERVICE PRO® 5W-20 is recommended for those engines requiring an SAE 5W-20 viscosity grade.

SERVICE PRO® SAE 5W-20, 5W-30 and 10W-30 meet the performance requirements for latest gasoline-fueled engine service and display the API Certification Mark. They have also demonstrated benefits in industry accepted fuel economy tests.

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



TYPICAL PROPERTIES:

SERVICE PRO® PREMIUM MOTOR OIL

SAE Grade	5W-20	5W-30	10W-30	10W-40	30	40
Gravity, ASTM D 4052, °API	32.4	32.3	29.3	29.4	27.5	26.8
Pounds Per Gallon	7.19	7.2	7.33	7.32	7.41	7.44
Flash Point, COC, °F (°C), ASTM D 92	421 (216)	442 (228)	451 (233)	455 (235)	478 (248)	504 (262)
Viscosity, ASTM D 445, cSt at 40°C	46	64	68	97	105	148
cSt at 100°C	8.1	10.8	10.2	14.1	11.8	14.5
ASTM D 2161, SUS at 100°F	233	324	346	500	548	781
SUS at 210°F	53	63	61	76	67	78
ASTM D 2270	151	161	137	148	100	98
Viscosity Index, ASTM D 2270						
Low Temperature Cranking, ASTM D 5293						
Temperature, °F (°C)	-22 (-30)	-22 (-30)	-13 (-25)	-13 (-25)	—	—
Viscosity, cP	4,920	5,490	6,300	6,530	—	—
Low-Temperature Pumping, ASTM D 4684						
Temperature, °F (°C)	-31 (-35)	-31 (-35)	-22 (-30)	-22 (-30)	—	—
Viscosity, cP	15,900	21,300	21,000	24,600	—	—
Yield Stress, Pa	None	None	None	None	—	—
HTHS Rate, ASTM D 4683, Vis cP at 150°C	2.6	3.1	3.0	3.6	—	—
Color, ASTM D 1500	3.0	3.0	L6.5	L6.5	6.5	7.0
API Service Category	SM	SM	SM	SL	SL	SL
API Certification Mark	Yes	Yes	Yes	No	No	No
Energy Conserving	Yes	Yes	Yes	No	No	No