



# Multi-Grade Passenger Car Motor Oils

SAE 5W-20, SAE 5W-30, SAE 10W-30, SAE 10W-40

## Multi-Grade Passenger Car Motor Oils

### Benefits:

- Increased fuel economy
- Easier starting and rapid oil flow during cold weather
- Better oxidation protection
- Reduced valve train wear
- Low-temperature sludge control
- Emissions system protection and increased longevity

### Applications:

- Meets the latest API SN and ILSAC GF-5 performance categories
- Meets Ford's performance standard WSS-M2C945-A (SAE 5W-20)
- Meets Ford's performance standard WSS-M2C946-A (SAE 5W-30)
- Recommended for use in gasoline fueled engines in passenger cars, light-duty trucks, vans and SUV's requiring API SN / ILSAC GF-5 engine oil
- Back-Serviceable for use in applications calling for previous API Engine Oil Service Categories SM, SL, SJ, SH, SG, SF and SE in respective viscosity grades

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Properties	Test Method	5W-20	5W-30	10W-30	10W-40
API Service	SAE J183	SN / GF-5	SN / GF-5	SN / GF-5	SN
API Gravity, 60°F	ASTM D-1298A	33.0	33.0	30.8	31.4
Density, lbs/gal (g/L)	Calculated	7.18 (860)	7.18 (861)	7.26 (871)	7.24 (869)
Viscosity, cSt @ 40°C	ASTM D-445	50.4	50.4	70.0	109.0
Viscosity, cSt @ 100°C	ASTM D-445	8.75	10.65	11.0	15.0
Viscosity Index	ASTM D-2270	152	158	146	149
Color	ASTM D-1500	2.0	2.0	1.5	1.5
Pour Point, °F (°C)	ASTM D-5949	-49 (-45)	-49 (-45)	-33 (-36)	-27 (-33) Max
Flash Point, °F (°C)	ASTM D-92	420 (216)	430 (221)	430 (221)	405 (207)
CCS @ -30 °C, cP	ASTM D-5293	5800	6,200	-	-
MRV @ -35 °C, cP	ASTM D-4684	20,800	27,200	-	-
CCS @ -25 °C, cP	ASTM D-5993	-	-	6,000	6200
MRV @ -30 °C, cP	ASTM D-4684	-	-	34,700	57,400
TBN	ASTM D-974	7.2	7.2	7.2	7.4
Sulfated Ash, wt. %	ASTM D-874	0.85	0.85	0.85	0.83
<b>Product Code</b>		<b>7132</b>	<b>7127</b>	<b>7064</b>	<b>7129</b>

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