



**Product Description:**

Emerald Premium Motor Oils provide superb performance for today’s gasoline powered cars, light trucks and vans. Emerald Premium Motor Oils are formulated to promote clean engines with excellent control of sludge and other engine deposits that form because of high engine temperatures and combustion exhaust. Group II and Group II Plus base oils and modern additive technology are used to reduce engine wear and extend engine life.

**Meets:**

- North American warranty requirements for U.S., European and Japanese cars and light trucks with gasoline and gasoline turbo-charged engines where API SN with Resource Conserving, SN, SM, SL, SJ etc. oils are specified
- ILSAC GF-5 standard
- Meets to GM 6094M specification (SAE 5W-20, 5W-30 and SAE 10W-30)
- Meets Chrysler MS-6395 specification (SAE 5W-20, 5W-30, 10W-30)
- Meets Ford WSS-M2C945-A and WSS-M2C930-A specifications (SAE 5W-20), and WSS-M2C946-A and WSS-M2C929-A specifications (5W-30)

**Features / Benefits:**

- Flows easily at low temperatures, reducing wear at start up
- Protection for extremely high temperatures
- Resistance against viscosity breakdown in severe environments
- Protection against harmful deposits and acids, which aids in a clean running and lasting engine
- Enhanced wear protection
- May be used at any time in an engines life-cycle and is fully compatible with conventional engine oils

**Typical Properties:**

	<b>5W-20</b>	<b>5W-30</b>	<b>10W-30</b>
API Gravity	33.01	33.08	30.68
Viscosity, cSt, 40°C	47.33	62.87	69.05
Viscosity, cSt, 100°C	8.4	10.61	10.42
Flash Pt., °C	227	225	228
Pour Pt., °C	-48	-38	-43
CCS Viscosity, cP (°C)	5,350 (-30°C)	5,820 (-30°C)	6,100 (-25°C)
MRV Viscosity, cP (°C)	15,710 (-35°C)	22,100 (-35°C)	19,500 (-30°C)

The values shown here are typical, but may vary within modest ranges.

**Emerald Lubes**

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