



# Product Bulletin



## GULFPRIDE<sup>®</sup> MOTOR OILS

**Gulfpride<sup>®</sup> Motor Oils** are formulated from highly refined base oils and an advanced, thermally stable additive package designed to meet the lubricating demands and severe operating conditions in today's higher-revving, hotter running engines. These products meet or exceed the latest automotive manufacturer's requirements, including **API Performance Category SN Plus** helping to protect against low speed pre-ignition (**LSPI**)<sup>1</sup> in turbocharged gasoline direct-injection engines (**TGDI**).

### FEATURES AND BENEFITS:

**Gulfpride<sup>®</sup> Motor Oils** provide very good low temperature pumpability and lower phosphorus levels for improved emission system performance. In addition, they provide the following:

- Good anti-foaming characteristics and shear stability
- Resistance to thermal breakdown at high temperatures
- Excellent protection from engine sludge and varnish deposits
- Excellent anti-wear properties and bearing corrosion protection

### APPLICATIONS:

**Gulfpride<sup>®</sup> Motor Oil SAE 10W-40, 20W-50, 30 and 40** viscosity grades are recommended for use in gasoline engine applications where motor oils of a higher viscosity are desired, particularly in applications involving high temperatures and severe duty service such as hauling boats and camping trailers at sustained high speeds for long periods of time. **Gulfpride<sup>®</sup> Motor Oils** meet **API Service Category SN Plus** which is specified in most new car owner's manuals but are also suitable for use in all earlier model vehicles calling for **API service SN, SM and SJ** quality oils. In all cases, the car or engine manufacturer's lubricant recommendations for API performance category and SAE viscosity grade should be followed (**consult your vehicle's owner's manual**).

### AVAILABILITY:

**Gulfpride<sup>®</sup> Motor Oils** are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).



### Typical Properties

SAE Grade	Test Method	10W-40	20W-50	30	40
Product Code		330135	330137	330163	330164
API Gravity, 60°F	ASTM D-4052	31.9	30.0	30.2	29.4
Density, lbs/gal (g/L)	Calculated	7.21	7.29	7.28	7.32
Kinematic Viscosity, cSt @ 40°C, D-445	ASTM D-445	112.0	155.0	89.5	130.0
Kinematic Viscosity, cSt @ 100°C, D-445	ASTM D-445	15.5	18.7	11.1	14.3
Viscosity Index, calculated	ASTM D-2270	146	136	110	109
Cold Cranking @ temp (°C) ,cP	ASTM D-5293	6300 @ -25	6,000 @ -15	N/A	N/A
Color	ASTM D-1500	L3.5	L3.5	L3.5	L3.5
Pour Point, (°F)	ASTM D-5949	-33	-22	-11	-7
Flash Point, COC, (°F)	ASTM D-92	458	470	465	465
Highest API/ILSAC Performance		SN Plus	SN Plus	SN Plus	SN Plus

*\*Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.*

<sup>1</sup> *LSPI is a premature ignition of the air-fuel mixture in the combustion chamber. This low-speed pre-ignition is very violent and causes over pressurization of the combustion chamber that can lead to damage and failure of the piston, rings, valves, and other internal components.*