

## Custom Motor Oil

76® Custom Motor Oil is a high-quality automotive engine oil designed primarily for use in older (pre-1989) passenger cars and light trucks in light-duty service. It also is recommended for use in older (pre-1995) diesel equipment where an API CD quality oil is specified. It should **not** be used in engines where an oil meeting new car warranty requirements is required.

Custom Motor Oil is formulated to provide good wear protection, to minimize the formation of sludge and varnish, to protect against rust and bearing corrosion, and to resist foaming.

### **Applications**

- Automotive gasoline engines built prior to 1989 and operating under light-duty conditions
- Older diesel equipment where API CD quality oil is specified

Custom Motor Oil meets or exceeds the requirements of:

- API Service SF<sup>(1)</sup>, CD<sup>(1)</sup>

<sup>(1)</sup> *Obsolete service category.*

### **Features/Benefits**

- Excellent oxidation resistance
- Protects against sludge and varnish formation
- Protects against wear
- Protects against rust and bearing corrosion
- Good foam resistance

**API SF/CD  
Engine Oil For  
Older Vehicles**

### **CONTACT INFORMATION**

**Phillips66  
Lubricants.com**

U.S. Customer  
Service:  
**1-800-368-7128**

Technical Hotline:  
**1-877-445-9198**

International  
Customer Service:  
**1-832-765-2500**

E-mail address:  
**76lubricants@  
p66.com**

### Custom Motor Oil

#### Typical Properties

SAE Grade	30	40
Specific Gravity @ 60°F	0.873	0.875
Density, lbs/gal @ 60°F	7.27	7.29
Color, ASTM D1500	3.5	3.5
Flash Point (COC), °C (°F)	229 (444)	246 (475)
Pour Point, °C (°F)	-30 (-22)	-30 (-22)
Viscosity, Kinematic		
cSt @ 40°C	94.0	134
cSt @ 100°C	11.1	14.0
Viscosity Index	103	101
High-Temp/High-Shear Viscosity, cP @ 150°C	3.1	3.9
Sulfated Ash, ASTM D874, wt %	0.79	0.79
Total Base Number (TBN), ASTM D2896	5.8	5.8
Phosphorus, wt %	0.089	0.089
Zinc, wt %	0.098	0.098

#### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.