

## Guardol QLT<sup>®</sup> Motor Oil – Monogrades

76<sup>®</sup> Guardol QLT monograde motor oils are high-quality universal fleet engine oils designed for use in off-highway diesel equipment, farm machinery, marine engines and mixed commercial fleets, as well as in passenger cars and light trucks with either diesel or gasoline engines, where monograde engine oils are specified. They also may be used in some heavy-duty manual transmissions in trucks and buses.

Guardol QLT monograde motor oils are formulated to provide excellent wear protection, soot control and bearing corrosion protection, even in severe service intervals. They have excellent soot dispersancy to protect against abrasive wear and soot-induced oil thickening, and excellent oxidation resistance to help minimize deposit formation.

Guardol QLT monograde motor oils meet or exceed the performance requirements of API Service Categories CF and SL.

### **Applications**

- Off-highway construction, earth moving and mining equipment
- Mixed fleets with both diesel and gasoline-fueled vehicles
- Farm equipment with diesel or gasoline engines
- Marine and stationary diesel engines (except those with silver bearings)
- Light trucks and passenger cars with diesel or gasoline engines
- Medium and heavy-duty manual transmissions where the OEM specifies engine oil

Guardol QLT monograde motor oils meet or exceed the requirements of:

- API Service CF, SL
- U.S. Military MIL-PRF-2104G (SAE 30, 40)
- ArvinMeritor, Dana Spicer and Eaton Fuller manual transmissions

### **Features/Benefits**

- Outstanding soot control for protection against abrasive wear and soot-induced oil thickening
- Excellent resistance to viscosity and thermal breakdown at high temperatures

**Universal Fleet  
Engine Oil**

**Customer Service  
Number:  
1-888-766-7676**

**Technical Hot Line:  
1-800-435-7761**

**E-mail Address:  
*76lubricants@  
conocophillips.com***



- Protects against sludge and varnish formation
- Excellent wear protection
- Excellent rust and bearing corrosion protection
- Good resistance to foaming and aeration

### Guardol QLT® Motor Oil – Monogrades

#### Typical Properties

SAE Grade	30	40	50
Specific Gravity @ 60°F	0.879	0.882	0.890
Density, lbs/gal @ 60°F	7.33	7.35	7.42
Color, ASTM D1500	L 4.0	L 4.0	L 4.0
Flash Point (COC), °C (°F)	240 (464)	240 (464)	240 (464)
Pour Point, °C (°F)	-33 (-27)	-33 (-27)	-30 (-22)
Viscosity, Kinematic			
cSt @ 40°C	92.0	141	217
cSt @ 100°C	11.1	15.0	20.0
Viscosity Index	115	111	107
High-Temp/High-Shear Viscosity, cP @ 150°C	3.6	4.5	5.7
Sulfated Ash, ASTM D874, wt %	1.18	1.18	1.18
Total Base Number (TBN), ASTM D2896	9.3	9.3	9.5
Zinc, wt %	0.128	0.128	0.133

#### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

Copyright © 2008 ConocoPhillips Company. The ConocoPhillips logo, 76 and the 76 logo are trademarks of ConocoPhillips Company in the U.S.A. and other countries.