

76 Guardol QLT® Monogrades

76 Guardol QLT® Monogrades are premium-quality, universal fleet engine oils designed for use in off-highway diesel equipment, farm machinery, marine engines, mixed commercial fleets and passenger cars and light trucks with either diesel or gasoline engines. They are formulated with premium additive technology and 76's unique QLT® chemistry that delivers exceptional wear protection, soot control and bearing corrosion protection even in severe service intervals. They provide excellent protection for 2-stroke cycle and 4-stroke cycle diesel and 4-stroke cycle gasoline engines that specify the use of monograde engine oils. They also may be used in some heavy-duty commercial transmissions.

76 Guardol QLT® Monogrades meet or exceed all the requirements of API CF, SL, and SJ, and also are recommended for use in applications specifying former API Service CD and SH quality oils. The SAE 30 grade also meets Allison C-4 requirements.

Applications

- Mixed commercial fleets with diesel and gasoline vehicles
- Off-highway equipment used for construction, earthmoving, mining or quarry operations – in engines, transmissions and hydraulic systems
- Farm equipment with diesel or gasoline engines
- Marine and stationary diesel engines (except those with silver bearings) in severe service
- Light trucks and passenger cars with diesel or gasoline engines
- Automatic and powershift transmissions specifying an Allison C-4 type fluid (SAE 30)
- Some heavy-duty commercial transmissions

Recommended For

API Service CF, SL, SJ
Allison C-4 (SAE 30)
Caterpillar TO-2
Dana Spicer Transmissions
Eaton Fuller Transmissions
Meritor (Rockwell) Transmissions
MIL-L-2104E, MIL-L-2104D, and previous (obsolete)
U.S. Government CID A-A-52306A (SAE 30, 40)

**Premium Universal
Fleet Engine Oil**

**Customer Service
Number:**

1-888-766-7676

**Technical
Hot line:**

1-800-435-7761

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



Outstanding Features

- Excellent wear protection and high-temperature oil durability
- High dispersancy-detergency protects against engine sludge and varnish deposits
- Outstanding oxidation resistance
- Excellent rust and bearing corrosion protection
- Excellent soot control for protection against abrasive wear and soot-induced oil thickening
- Outstanding TBN retention
- Good resistance to foaming and aeration
- Deposit-free operation of truck engine air compressors

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Typical Properties

SAE Grade	30	40	50
API Service (diesel engines)	CF	CF	CF
API Service (gasoline engines)	SL	SL	SL
Density, g/cm ³ @ 15.6°C	0.879	0.882	0.892
Color, ASTM	L 4.0	L 4.0	L 5.0
Flash Point, (COC), °C (°F)	240 (464)	246 (475)	262 (504)
Pour Point, °C (°F)	-33 (-27)	-33 (-27)	-30 (-22)
Viscosity,			
cSt @ 40°C	92.0	141	214
cSt @ 100°C	11.1	15.0	20.0
SUS @ 100°F	478	736	1,125
SUS @ 210°F	64.3	79.7	101.1
Viscosity Index	115	111	110
Viscosity, High Shear (HTHS), cP @ 150°C	3.6	4.5	5.7
Ash, Sulfated, ASTM D874, wt %	1.18	1.18	1.18
Copper Corrosion, ASTM D130	1A	1A	1A
Foam Test, ASTM D892	Pass	Pass	Pass
Total Base Number, ASTM D2896	9.3	9.3	9.5
Zinc, wt %	0.133	0.133	0.137

Due to continual product research and development, the information contained herein is subject to change without notification.

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