



80W90 Gear Oil

ISO-22, API GL-4

Typical Specifications

Gear Oil 80W90 is designed to meet the GL-4 requirements of spiral bevel transmission and moderate service hypoid gears. This formula combines stabilized high-oleic base stocks with synthetic base stocks and mild EP/antiwear additives. The result is an Ultimately Biodegradable¹ product which has the long life heat stability but which additionally offers the protection advantages of increased gear life through extremely high film strength and excellent low temperature performance. Gear Oil 80W90 is an environmentally responsible lubricant that is formulated from renewable, non-GMO agricultural plant resources.

We believe Earth's environmental future rests in the use of renewable material.

SAE Grade	80W90
API Gravity @ 60°F (D-287)	22
Pounds/Gallon @ 60°F	7.424
Specific Gravity @60°F (D-287)	0.92
VISCOSITIES:	
@100°C, cSt. (D-445)	19.2
@40°C, cSt. (D-445)	121
Viscosity Index (D-2270)	180
Flash Point, °C (D-92)	280
Pour Point, °C (D-97)	-30
Copper Corrosion Strip 3hr @ 100°C (D-130)	1A
4 Ball Wear, 1h, 167°F, 1200 RPM, 40kg (D-4172)	.30
FZG Test (DIN 51517)	12
Demulsibility (D-2711)	Pass
Foam Sequence I, II, III (D-892)	Pass (0 foam)
Rust Prevention (D-665)	Pass

- (1) API Service Classifications GL-3, GL-4
- (2) Super high viscosity index and low pour point for wide temperature usage
- (3) Fortified with additives to resist wear, oxidation, rust and foam
- (4) Exceeds U.S. Steel and AGMA wear and EP performance

This product is based on a proprietary and patented anti-oxidant, anti-wear, and cold flow technology, providing high performance even in high and low temperature applications, reducing oil thickening and deposits.

¹ Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

To Order

Fax to 831-728-1753 or call 800-491-9473 for Customer Service
Visit www.wisesolutions.net or Email sales@wisesolutions.net

Available Size Container
Quantity (min.)

5 gal. Pail	55 gal. Drum	330 gal. Tote