

DESCRIPTION

Jet Lube's HD GEAR OIL enclosed Gear Oils are extreme pressure lubricants formulated to meet the exacting demands of most types of automotive differentials and transmissions including heavy-duty off-road fleets.

Jet Lube's HD GEAR OIL is designed to perform under adverse conditions such as: heavily loaded gears, shock loading, and frequent reversing action. Jet Lube's HD GEAR OIL meets the performance requirements of extreme pressure lubricants of the American Gear Manufacturer's Association (AGMA) Specification 9005-D94 "Lubrication of Industrial Enclosed Gearing."

Jet Lube's HD GEAR OIL meets or exceeds the following specifications for the respective viscosity grades:

- U.S. Steel Spec 224
- Rockwell D-76 (A,B,C,D,F)
- GL-4 & GL-5
- GM Spec 9985044
- MIL-L-2105E GM Spec 9985182
- John Deere J11D
- Chrysler MS 9020
- Navistar (IHC) Grades 81 HR, 90HR, 135 HEP
- CS 3000 B
- Ford EST-M2C-108-C
- MT-1 Mack
- GO-J

PRODUCT CHARACTERISTICS

ASTM #	SAE Grade	TYPICAL CHARACTERISTICS	
		80W-90	85W-140
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	220 19	380 30
D-2161	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	1,012 100	2,020 150
D-2270	Viscosity Index	119	111
D-97	Pour Point, °F (°C)	-20 (-29)	0 (-18)
Gardner Method	Density, lb/gal @ 60°F (°C) Specific Gravity, g/cc @ 60°F (°C)	7.45 0.894	7.55 0.906
D-92	Flash Point, °F (°C) Cleveland Open Cup	400 (204)	400 (204)
D-2782	Timken OK Load, lb	55	60
D-2783	Four Ball EP Weld Point, kg Load Wear Index	400 50	400 50
D-4172	Four Ball Wear Scar Width, mm @ 40 kgf	0.33	0.35
D-665	Rust Test Distilled Water	Pass	Pass
D-130	Copper Strip Corrosion 212°F (100°C) @ 3 hr	1B	1B
	Color	Red	Red
D-2711	Demulsibility: Modified for 90 ml Water	Pass*	Pass*
	Service Rating	-20°F(-29°C) to 350°F(177°C)	0°F(-18°C) to 350°F(177°C)

APPLICATIONS

Jet Lube's HD GEAR OIL is designed primarily for automotive differentials and transmissions. Jet Lube's HD GEAR OIL may be used in severe service over-the-road and off-road applications. It may also be used in industrial gearboxes, oiled bearings, and couplings. Suitable for service-fill on equipment requiring a lubricant with Limited Slip characteristics.

BENEFITS

- REDUCES WEAR - protects against scoring, scuffing and galling to increase gear and bearing life.
- VERSATILE - may be used in a variety of equipment and mixed fleets. Reduces inventory.
- ANTIFOAM - protects seals and keeps operating temperatures low by breaking up entrapped air bubbles as they form.
- RAPID DEMULSIFICATION - separates easily from water. Jet Lube's HD GEAR OIL does not lose lubricity due to emulsified water.
- IMPROVED ADHESIVENESS - insures a coating on the gears at start-up.

Demulsibility: Modified for 90 ml WaterPass*

* Applies to U.S. Steel Specification Number 224. The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

For package types and part numbers

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf

www.jetlube.com

Made in the USA in an ISO 9001:2015 and ISO 14001:2015 Facility