

Product Description

D-A GTD[™] gear lubricant is a mild EP gear lubricant designed to meet the lubrication needs of gear trains requiring the use of an extreme pressure lubricant. It is especially well-suited for use in severe service equipment such as rock crushers. GTD is formulated with quality base oils and carefully selected additives resulting in a product which will provide excellent antiwear protection under heavy loads while also guarding against rust and corrosion, even when the system is idle. Special inhibitors are also present which limit oil oxidation and deposit formation even at high operating temperatures.

D-A GTD is available in seven ISO grades to provide optimum protection under any operating condition.

Product Features and Benefits

Unique balance of extreme pressure additives extends equipment life through minimized gear wear.

Limits wear during equipment start-up and acceleration, as well as during extreme loading conditions, by minimizing metal-to-metal contact, providing excellent heavy load protection during low speed/high-torque service.

Specially formulated to control rust and corrosion of all types of metal surfaces.

Compatible with yellow metals such as brass, bronze and copper to resist excess wear.

Quality base oils and antioxidant additive produce a lubricant with excellent resistance to high temperature degradation for longer lubricant life.

PRODUCT AT A GLANCE

- GL-3 Gear Oils
- Use in Severe Service Equipment
- Compatible with Yellow Metals
- Resists High Temperature Degradation



D-A Lubricant Company, Inc.

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765.482.3065 • EMAIL: dalube@dalube.com

www.dalube.com



Typical Applications

Gearcases and speed reducers requiring EP gear lubricant
 Hand oiled or drip-fed bearings
 Jaw crushers and vibrating screen gearboxes and bearings requiring EP gear oil lubrication
 Oil lubricated antifriction bearings subject to shock loads

AGMA 250.04 and AGMA 9005 D94, EP - All Grades
 AIST (US Steel) 222 and 224 - All Grades
 API GL-3
 Bijur Equipment - All Grades
 Cincinnati Lamb P-63 (ISO 68); P-76 (ISO 100); P-77 (ISO 150); P-74 (ISO 220); P-59 (ISO 320); P-35 (ISO 460)
 DIN 51354, Part 2 (FZG Test) and DIN 51517, Part 3 (CLP) - All Grades
 Omnicone and HP Crushers (ISO 150)
 Symons, Telsmith, Allis Chalmers and other gyratory and cone crushers as a circulating lubricant
 Symons and Nordberg Gyradisc Crushers (ISO 68)

Typical Properties

ISO Viscosity Grade	ASTM D2422	68	100	150	220	320	460	680
AGMA Grade		2EP	3EP	4EP	5EP	6EP	7EP	8EP
Viscosity @								
210°F, SUS	ASTM D445	56	66	77	96	119	145	-
100°F, SUS	ASTM D445	375	538	750	1177	1714	2174	-
100°C, cSt	ASTM D445	8.7	11.7	14.8	18.8	24.1	30.6	35.6
40°C, cSt	ASTM D445	69	105	154	222	323	466	684
Viscosity Index	ASTM D2270	95	95	95	95	95	95	85
Flash Point °F	ASTM D92	415	445	455	460	465	470	470
°C	ASTM D92	213	229	235	238	241	243	243
Pour Point °F	ASTM D97	-17	0	-13	+1	+1	+5	+7
°C	ASTM D97	-27	-18	-25	-17	-17	-15	-14
Timken OK Load, lbs.	ASTM D2509	_____			65	_____		
FZG Test, Load Stage Pass	ASTM D5182	_____			12	_____		
4 Ball EP Test		_____				_____		
Load Wear Index	ASTM D2266	_____			45	_____		
Weld Point, Kg	ASTM D2596	_____			250	_____		
Copper Corrosion Protection	ASTM D4048	_____			1b	_____		
Rust Protection Test	ASTM D1743	_____			No Rust	_____		
	Drum	13302	13312	13322	13332	13342	13352	13362
	Metal Pail	13309	13319	13329	13339	13349	13358	13369



To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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