



Product Description

D-A GTD™ gear lubricant is 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.*



Service 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
 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 and DIN 51517, Part 3 (CPL) - 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)
 US Steel 222 and 224 - All Grades

Typical Properties:

ISO Grade	68	100	150	220	320	460	680
AGMA Grade	2EP	3EP	4EP	5EP	6EP	7EP	8EP
ISO Viscosity Grade	68	100	150	220	320	460	680
Viscosity @							
210°F, SUS	56	66	77	96	119	145	--
100°F, SUS	375	538	750	1177	1714	2174	--
100°C, cSt	8.7	11.7	14.8	18.8	24.1	30.6	35.6
40°C, cSt	69	105	154	222	323	466	684
Viscosity Index	95	95	95	95	95	95	85
Flash Point °F	415	445	455	460	465	470	470
°C	213	229	235	238	241	243	243
Timken OK Load, lbs.	_____			65	_____		
FZG Test, Load Stage Pass	_____			12	_____		
4 Ball EP Test	_____				_____		
Load Wear Index	_____			45	_____		
Weld Point, Kg	_____			250	_____		
Copper Corrosion Protection	_____			1b	_____		
Rust Protection Test	_____			No Rust	_____		

**To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823)
 Or Fax orders to (317) 923-3884**

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