

ELBALUBES GTD GEAR OILS

ElbaLubes 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. ElbaLubes GTD oil 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.

Features and Benefits:

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.

Typical Applications:

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.

Physical 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	—
40°C, cSt	ASTM D445	69	105	154	222	323	466	35.6
Viscosity Index	ASTM D2270	95	95	95	95	95	95	684
Flash Point °F	ASTM D92	415	445	455	460	465	470	85
°C	ASTM D92	213	229	235	238	241	243	470
Pour Point °F	ASTM D97	-17	0	-13	+1	+1	+5	243
°C	ASTM D97	-27	-18	-25	-17	-17	-15	+7
Timken OK Load, lbs.	ASTM D2509				65			-14
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			

For Technical, Quality or Product Safety Questions Please Contact:

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