

ARtech Packaging lubricants **ARBL-220-2**

High Performance Lithium Grease *The Moly Alternative Grease*

PRODUCT DESCRIPTION

ARtech **ARBL-220-2** is an extreme pressure (EP) lithium calcium soap thickened grease designed to protect roller elements, bushings and gear couplings in the logging and heavy construction industries. Product is used in mill applications as well, where bearings support large loads, slow surface speeds and high pressures as normal operating conditions. This grease combines solid film lubrication for start and stop or shock loading conditions, especially in equipment which sits idle for extended periods of time. ARtech **ARBL-220-2** grease maintains excellent flow when temperatures drop. Not recommended in extreme temperature conditions.

	Features	Benefits
Performance	Excellent Lubrication	Improves rolling element life with solid film lubricants and performance additives that protect lubricated surfaces operating in boundary and mixed film lubricating conditions.
	Friction Reduction	Anti-wear additives reduce the friction in rolling and sliding contacts allowing for enhanced high pressure conditions.
	Oxidation and Thermal Stability	Anti-oxidants blended in special mineral oil blend encourage product mobility when operating temperatures decrease.
	Superior Corrosion Protection	Ferrous and non-ferrous metals corrosion additives extend equipment durability and reduced cost due to down time.
Work Environment	Heavy Metal and Chlorine Free	Properties are achieved without the use of molybdenum, lead, barium and chlorinated paraffin's.
	Process/Effluent Water	Water and shock load resistant. Excellent for slow- moving bearings such as those found in mining, construction and agriculture equipment.



ASTM Method	Property Description	ARBL-220-2
	Lithium / Calcium	Black
	NLGI Consistency	2
D 217	Cone Penetration, 0.1 mm (range 290 – 320) Worked 60 Strokes	280
D 1831	Roll Stability, % penetration change	< 3.5
D 2265	Dropping Point, °C	175
D 445	Base Oil Kinematic Viscosity @ 40°C, centistokes @ 100°C, centistokes	210 18.3
D 92	Base Oil Pour Point, °C	-18
D 2266	Shell Four Ball Wear, scar diameter, mm	0.5
D 2596	Four Ball Extreme Pressure, kg Load Wear Index Weld Load	37 315
D 2509	Timken OK Load, pounds	45
D 1743	Rust Prevention	Pass
D 4048	Copper Corrosion Inhibition	1b
D 1264	Water Wash Out @ 79°C, % mass loss	2.9

STORAGE AND HANDLING

ARtech **ARBL-220-2** grease should be stored indoors. If outdoor storage is used every effort to keep environmental contaminants from accumulating on containers should be attempted. Product is not for internal consumption. ARtech **ARBL-220-2** is non-irritating and non-toxic when used properly.

DISPOSABILITY

Disposal of ARtech **ARBL-220-2** grease should be disposed of in accordance with local, state and federal regulations.

ADDITIONAL INFORMATION

A MSDS for this product is available upon request. Purchasers of this product are urged to review and retain this information. For additional information, evaluation samples or price quotations please contact:

the ARtech Companies

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