

ELBA ANTI SEIZE

The heavy duty over-based calcium sulfonate complex thickener technology, along with the high solid content used in Elba Anti-Seize Grease, provides supreme protection in the harshest environments.

Anti-Seize grease makes an excellent lubricant for pipe threads. It is regarded as a premium quality thread compound containing copper flake, graphite, rust and corrosion inhibitors, antioxidants, and a proprietary extreme pressure additive to impart outstanding anti-seize and anti-wear properties. It is formulated to prevent excessive circumferential makeup. It assures full hydraulic joint efficiency by allowing joint shoulders to mate completely without standoff or deformation. The Anti-Seize grease is formulated with an ISO 460 base oil to provide heavy load carrying capability. Then the grease is fortified with 17%+ copper flakes and graphite solids to provide protection in the harshest environments. The high solid content provides dry film lubrication and ant seize properties up to 1800F. This grease also features an amazing 800 weld point score. The four ball EP (Extreme Pressure) test is a measurement of the load bearing capacity of grease, or in other words the amount of pressure that a grease can withstand and still operate under. In the test, three ball bearings are coated with the grease to be tested, and the fourth ball bearing is rotated against the three stationary ball bearings. The amount of pressure (measured in kilogram force—Kgf) is increased, until at some point the grease fails to lubricate effectively, and the balls weld together. A higher weld point is an indication that the grease is able to withstand greater amounts of heat and pressure. 800 kg is the maximum score possible 0-800 scale.

General Characteristics

NLGI Grade	2
Appearance	Copper/gray
Thickener Type	Calcium Sulfonate Complex
Penetration, D 217 worked 60	265-290
Worked 10,000 - % change	±5 max
Dropping Point, D 2265, °F (°C), min	500 (260)
4-Ball EP, D 2596 weld point	800 kg
4-Ball Wear, Scar Dia. mm D 2266	0.39
Corrosion Prevention, D 1743	Pass
Solids, Graphite & Copper	17%
Base Oil Characteristics	
Viscosity @ 40°C cSt	200-240
Viscosity @ 100°C cSt	18-20
Viscosity @ 100°F SUS	1160
Viscosity Index	95
Flash Point, COC >	465°F

