



**Kisling AG**

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## TECHNICAL DATA SHEET ANTI SEIZE

### ergo.<sup>®</sup> 9200 - Regular Grade

#### Product Description

Ergo.<sup>®</sup> 9200 is a superior, antiseize and extreme pressure lubricant formulated to protect metal parts against rust, corrosion and seizure. Fine metallic and graphite particles in a special grease protect parts even in high heat, high pressure and corrosive environments.

#### Product Benefits

- Keeps parts working longer with less wear.
- Minimizes parts replacement costs.
- Enables faster disassembly when repairs are needed—even after exposure to high temperatures.
- Protects against carbon fusion.
- Resists alkaline solutions, most chemical and acid vapours, road salt, steam, salt water, iodized water.
- Prevents galling on steel to stainless steel, titanium, magnesium, and other hard metals.

#### Product Applications

- Nuts, bolts, screws
- Shafts
- Pipe fittings
- Gaskets
- Boom guides
- Press fit assemblies
- Valve assemblies
- Taps and drills
- Pump mountings
- Packing glands
- Chain drives
- Metal fittings
- Machinery

#### Limitations

ergo.<sup>®</sup> 9200 is not recommended for high speed bearings.

#### Ingredients:

Contains a special, high-quality bearing grease with graphite, copper flake, aluminum powder and zinc oxide.



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**Shelf Life:**

ergo.<sup>®</sup> 9200 does not deteriorate with age when stored unopened at temperatures below 50°C. Quality and performance are guaranteed for five years from the date of manufacture on unopened containers.

**Technical Specifications**

Color	Silver	
Thermal Range,	-185°C up to +980°C	
Solvent Resistance	Excellent in water, salt water, and ionized water	
Particle Size	maximum 50µm	
Density (g/cm <sup>3</sup> )	1.19 - 1.29	
		ASTM Test Method
NLGI Grade	1/2	D-217
Worked Penetration	280-350	D-217-A
Flash Point	>250°C	D-92
Dropping Point	182°C	D-566
Coefficient of Friction at 75°C	0.057-0.063	D-2266
Torque Coefficient, k factor	0.130	
Extreme Pressure Properties (Load Wear Index) kgf	84.2	D-2596
Copper Corrosion Test	No corrosion	D-130

**Electrical Properties**

Cycles	Dissipation Factor	Dielectric Constant	Resistivity OHMS-cm	Conductivity Mhos/cm
1000	0.0255	14.6	4.2 x 10 <sup>9</sup>	4.32 x 10 <sup>-9</sup>
10000	0.0031	13.4	3.5 x 10 <sup>9</sup>	3.77 x 10 <sup>-10</sup>

Specifications: Meets MIL-A-907; Ford Spec. #ESE-M12A4-A; Garrett PCS5724; U.T. Pratt & Whitney PWA 36053-2.

**WARRANTY INFORMATION - PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.

**Use in accordance with Material Safety Data Sheet.**