



Product Data Sheet

Red Max Grease EP1 & EP2 Aluminum Complex Grease

DESCRIPTION

Nemco Red Max Grease is red coloured, premium quality aluminum complex extreme pressure (EP) greases that are recommended for heavy duty service in agriculture, automotive, construction and industrial applications. Red Max grease provides excellent high temperature performance, both in oxidation resistance and resistance to oil separation.

Nemco Red Max Grease is fortified with anti-rust, anti-oxidant, extreme pressure and anti-wear additives. This unique formulation provides extreme pressure (EP) and stay-in-place properties, with enhanced mobility and pumpability in cold temperatures. Excellent water resistance provides bearing protection when water washout or leaching conditions are encountered. Its outstanding mechanical stability maintains effective bearing lubrication over long periods of rigorous service with minimal breakdown and loss of consistency.

Red Max Grease provides high load carrying capabilities to resist component failure by both line (55lb Timken OK Load) and point contact (500kg Weld Point) wear mechanisms, ensuring strong protection against heavy pressures and shock loading. Excellent dispensability and pumpability properties make this grease suitable for various methods of dispensing including centralized lubrication systems.

Applications

- Recommended for On-Road trucking, construction, Industrial, Farm and Automotive applications
- Plain and anti-friction bearings (especially where high temperatures occur)
- Roller and needle bearings
- Flexible couplings
- Water pumps
- Fan bearings
- Automotive disc brakes

Typical Characteristics – Red Max Grease

Specifications	EP1	EP2
NLGI Grade	1	2
Soap type	Aluminium Complex	Aluminium Complex
Texture	Smooth/Tacky	Smooth/Tacky
Colour	Red	Red
Worked penetration, 25°C 60 strokes	310-340	265-295
Rust prevention ASTM D1743, rating	Pass	Pass
Dropping point ASTM D1265, °C (°F) minimum	>260 (>500)	>260 (>500)
Four ball extreme pressure weld point ASTM D2596, kg	500	500
Load Wear Index D2596	70	70
4-Ball Wear D2266,, mm scar diameter	<0.6	<0.6
Timken OK load ASTM D2509, lb	55	55
Rust Prevention, ASTM D1743	PASS	PASS
Copper Corrosion Protection, ASTM D4048	1b	1b
Water Spray-Off, D4049, % wt. loss	<40%	<25%
Mobility @15.5 °C (US Steel), g/min	550 min	500 min
Viscosity cSt at 40°C	320	320
Useful temperature range °C (°F) minimum	-25 to 149	-23 to 163

Physical characteristics shown in the table are typical and may vary slightly.