EXTREME Industrial Lubricants

SMG Gold

Semi-Synthetic Extreme Pressure Grease

Description

SMG Gold is a truly heavy-duty, multipurpose EP grease, engineered for bushings and bearings at both low and high speeds, as well as sliding mechanisms operating under typically harsh conditions—like those found in steel mills, manufacturing plants, and automotive applications. Its special additive technology and highly refined petroleum base oils create a high-strength lubricating film under EP conditions, with strong thermal and oxidation stability. The unique component blend delivers a high dropping point, excellent mechanical and thermal stability, and resistance to corrosion and heavy water exposure. SMG Gold also offers outstanding water washout resistance and extremely low oil bleed, helping ensure protection at high temperatures and under high radial loads.

Applications

SMG Gold grease is ideal when bearings operating in both hot and cold temperatures—at low and high speeds—must share the same lubricant. It's designed for high-humidity and extreme-temperature environments, including calender bearings used in the paper and steel industries. Excellent for high-load pins, shafts, couplings, CV joints, and universal joints. Used in rolling mills, ceramic mills, truck chassis, wheel bearings, and general lubrication points on heavy-duty construction rollers and earthmoving equipment. **This grease can handle higher speeds and higher sustained temperatures than other multipurpose greases.**

Benefits

- ☐ Increased Production: Extends component service life, reduces downtime from repairs or part replacement, and lowers labor required for maintenance. Higher production increases REVENUE.
- ☐ Excellent Corrosion Protection: SMG Gold delivers long service life in corrosive environments
- ☐ Water Resistance: These greases are insoluble in water
- ☐ Extreme-Pressure Properties: With inherent EP performance, they withstand high loads
- ☐ Excellent Shear Stability: Won't thin out from heat or shear, even under heavy water wash
- ☐ Excellent Thermal Stability: High dropping point (312°C), enabling operation at elevated temperatures with proper lubrication intervals

The information above is true and accurate to the best of our knowledge. All recommendations and suggestions are provided without warranty, as the circumstances and conditions of use are beyond our control. Please contact our advisors, who can visit your facility and recommend the best lubrication option for your needs.

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SMG GOLD Semi-Synthetic - EP2 Technical Data

PROPERTIES	TEST		RESULTS
Color	Visual		Brown
Base Oil Viscosity	ASTM D-445	cSt @ 40°C	118
Consistency	ASTM D-217	60 strokes @ 25°C, mm/10	280
Mechanical Stability	ASTM D-217	% change, 100,000 strokes	2.4
	ASTM D-217	% change, 10,000 g, 50% H2O	6.5
Bearing Stability	ASTM D-1831	% change at P60	3.2
Timken OK Load	ASTM D-2509	kg/lb	36/80
4-Ball EP Test	ASTM D-2596	Weld Point	620 kg
Load Wear Index	ASTM D-2596		80 kg
4-Ball Wear Test	ASTM D-2266	Scar Diameter, mm	0.38
Drop Point	ASTM D-2265	°C (°F)	312 (594)
Rust Test	ASTM D-1743	Result	Pass
Copper Corrosion	ASTM D-130	Rating	1b
Salt Fog Spray	ASTM B-117	Hours	>1000
Washout Resistance	ASTM D-1264	@80°C, % loss	1%
Wheel Bearing	ASTM D-3527	Hours	200
Oxidation Test	ASTM D-942	Loss after 1,000 hours	6.0

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