

DESCRIPTION

SUPER BLUE GREASES are high temperature lubricating greases formulated with lithium complex thickener and premium quality petroleum base oils. These special thickeners provide excellent work-shear stability, resisting both softening and hardening of the grease during use. The lithium complex thickener further provides for a high dropping point, which resists melting and leakage from bearing operating at elevated temperatures. Long service life is an inherent feature of high quality lithium complex greases.

SUPER BLUE GREASES pump well at low temperatures and maintain their consistency with minimal oil bleed during long-term storage. SUPER BLUE GREASES offer good resistance to washout by water, making them suitable for use in wet application. These greases are fortified with rust and corrosion inhibitors for optimum protection.

SUMMARY OF BENEFITS

- Outstanding high temperature wheel bearing performance
- Protects against the heat generated by the heavy brake loads of vehicles
- Excellent extreme pressure and anti-wear performance
- Resists wheel bearing leakage at high temperature
- Minimum dropping point of 260 °C
- May be used continuously at temperature up to 190 °C
- Highly water resistant

RECOMMENDATIONS

SUPER BLUE GREASES are recommended for industrial applications where high temperature, extreme pressure and water resistant greases are required. Typical applications include bearing, couplings and gears in extended use and heavy duty service. Ideal for use in precision anti friction bearings. SUPER BLUE GREASES may be used with complete confidence at continuous operating temperatures up to 190 °C , with intermittent use up to 230 °C .

In addition to industrial applications SUPER BLUE GREASES are ideally suited for wheel bearing usage in vehicles equipped with conventional brakes, as well as with disc brakes, where the heat would cause conventional lithium grease to run out. This includes lubrication of cars, buses, vans, trucks, and farm equipment wheel bearings, even under heavy and shock loading. Ball joints, chassis and U-Joints could also be well served by these greases.

SUPER BLUE GREASES	TEST METHOD	TYPICAL CHARACTERISTICS		
NLGI	-	1	2	3
Thickener Type	-	Lithium Complex	Lithium Complex	Lithium Complex
Texture	-	Smooth	Smooth	Smooth
Color	-	Blue	Blue	Blue
Penetration @ 25 °C (Worked)	ASTM D 217	325	278	241
Dropping Point, °C	ASTM D 2265	285	305	297
Four Ball EP (Weld Point, kgf)	ASTM D 2596	315	315	315
Four Ball; Wear Scar (1hr, 60kg); mm.	ASTM D 2266	0.45	0.45	0.45
Copper Strip Corrosion	ASTM D 4048	1b	1b	1b
Oil Separation @100 °C, %wt	JISS K 2220	-	2.54	2.54
Water Washout, %Loss @79 °C	ASTM D 1264	9.63	3.65	2.3
Water Spray Off, %wt.	ASTM D 4049	57.69	16.39	8.7



SUPER BLUE GREASES	TEST METHOD	TYPICAL CHARACTERISTICS		
Roll Stability, Penetration Changed, 1/10 mm	ASTM D 1831	24	16	8
Corrosive Preventive Properties (Emcor)	ASTM D 6138	0,0	0,0	0,0
Oxidation Stability (Petro Oxy) (D:H:M)	Petro Oxy	2:06:25	2:08:25	2:19:25
Timken OK Load, Lbs	ASTM D 2509	50	50	50
Base Oil Property Viscosity Kinematics @40 °C, cSt	ASTM D 445	187	187	187

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

180KG - #40051, 20KG - #42051, 2.5KG - #42562, 450GM - #40451