

S E L C O S G - 3 6 0

SYNTHETIC LUBRICATING GREASE

DESCRIPTION

SELCO SG-360 is high-performance grease, which combines a synthesized hydrocarbon base fluid with a lithium complex soap thickener. The thickener system provides a high dropping point, excellent resistance to water wash, and a tenacious structural stability. The unique physical properties of the synthetic base oil, combined with selected additives, provide outstanding protection against wear, rust, corrosion, and high-temperature degradation. The wax-free feature of the synthetic base oil allows for low-temperature mobility/ pumpability and very low starting and running torque values. Also, the traction property of the synthetic base fluid is considerably lower than mineral oil, allowing for temperature reductions in the load zone of rolling element bearings.

APPLICATION

SELCO SG-360 is recommended for aviation applications which need a lubricant that can perform normal functions yet go far beyond in terms of high and low temperature and long-life performance. It is NLGI Grade 2 grease having the cold-temperature pumping resistance of most mineral oil NLGI Grade 0 greases. It is true wide-temperature, multi-service grease.

TYPICAL CHARACTERISTICS

Physical characteristics are listed in the table. Those not shown as maximum or minimum are typical and may vary slightly.

ADVANTAGES

SELCO SG-360 is a synthetic grease provides these advantages when compared with mineral oil greases intended for similar service :

- * Operating range of - 60 ° C.(-76 ° F.) to + 225 ° C. + (437 ° F.)
- * Excellent resistance to rust, corrosion, and oxidation
- * Outstanding structural stability in the presence of water
- * Excellent wear protection under heavy loads and high temperatures
- * Power-saving capabilities
- * Extended relubrication intervals - Low volatility

SELCO SG - 360

NLGI GRADE	2
Soap Type	Lithium Complex
Structure	Smooth,Slight Tack
Additive	P.T.F.E. (Teflon)
Penetration at 25 ° C (77 ° F.) ASTM D 217, worked, 60 strokes	280
10,000 strokes	295
100,000 strokes	305
Dropping Point, ° C.(° F.), ASTM D 2265	220 (428)
Base Oil Viscosity cSt at 40 ° C.	46
cSt at 100 ° C.	7.8
ISO VG, Base Oil	46
EP and Wear Protection Four-Ball Wear, Scar Dia, mm, max. Four-Ball EP, Weld Load, ASTM D 2596, kg. Four-Ball EP, Load Wear Index	None
Corrosion Prevention, ASTM D 1743 Emcor/SKF Water Wash Test, IP 220	Pass 0.0
Water Washout, ASTM D 1264, 79 ° C. (175 c ° F.), wt. %, max.	5.5
Evaporation, ASTM D 972, % at 177 ° C. (350 °F)	

SELCO SG - 360

NLGI GRADE	1
Soap Type	Lithium Complex
Structure	Smooth, Slight Tack
Penetration at 25 ° C (77 ° F.)	
ASTM D 217, worked, 60 strokes	280
10,000 strokes	295
100,000 strokes	305
Dropping Point, ° C.(° F.), ASTM D 2265	220 (428)
Base Oil	P. A. O.
Base Oil Viscosity	
cSt at 40 ° C.	46
cSt at 100 ° C.	7.8
ISO VG, Base Oil	46
EP and Wear Protection	
Four-Ball Wear, Scar Dia, mm, max.	
Four-Ball EP, Weld Load, ASTM D 2596, kg.	None
Four-Ball EP, Load Wear Index	
Corrosion Prevention, ASTM D 1743	Pass
Emcor/SKF Water Wash Test, IP 220	0.0
Water Washout, ASTM D 1264, 79 ° C. (175 c ° F.), wt. %, max.	5.5
Evaporation, ASTM D 972, % at 177 ° C. (350 °F)	