

SG-360

SYNTHETIC WIDE TEMPERATURE RANGE GREASE WITH PTFE

GENERAL DESCRIPTION:

SELCO SG-360, is a high-performance grease which combines a synthesized hydrocarbon base fluid with a lithium complex soap thickener, additives and fortified with PTFE. 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.

RECOMMENDED USAGE:

SELCO SG-360, is recommended for 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. Typical applications are high speed spindles, electrical motors in varying temperature environment, robotic equipment etc. It is a true wide-temperature, multi-service grease.

ADVANTAGES:

- Operating range of - 60 ° C to + 242 ° C
- Excellent resistance to rust, corrosion, and oxidation
- Outstanding structural stability in the presence of water
- Excellent wear protection under heavy loads & high temperatures
- Power-saving capabilities
- Extended re-lubrication intervals - Low volatility

Technical Data Sheet



PROPERTIES:

NLGI GRADE	3	2	1	0	00	000
Soap Type	Lithium Complex					
Structure	Smooth, Slight Tack					
Penetration ASTM D 217	220-250	265-295	310-340	355-385	400-430	445-475
Dropping Point, ° C, ASTM D 2265	242	242	242	240	240	240
Base Oil Viscosity @ 40 ° C	46	46	46	46	46	46
Base Oil Viscosity @ 100 ° C	7.8	7.8	7.8	7.8	7.8	7.8
ISO VG, Base Oil	46	46	46	46	46	46
EP and Wear Protection						
Four-Ball Wear, Scar Dia, mm, max.						
Four-Ball EP, Weld Load, ASTM D 2596, kg.	None	None	None	None	None	None
Four-Ball EP, Load Wear Index						
Corrosion Prevention, ASTM D 1743	Pass	Pass	Pass	Pass	Pass	Pass
Emcor/SKF Water Wash Test, IP 220	0	0	0	0	0	0
Water Washout, ASTM D 1264	5.5	5.5	5.5	5.5	5.5	5.5



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