

PRODUCT DATA SHEET



NFG
NON-FOOD GRADE

SYN-LITH Series

Synthetic Grease with Lithium Complex Thickener

SYN-LITH Series are full synthetic heavy-duty multipurpose lubricating greases. Their development emphasis was on long-term and lifetime lubrication of rolling element bearings under moderate to high load, making it an excellent choice for a variety of applications, including some electric motor bearing applications.

The synthetic base oil and the lithium complex soap thickener are proven components for high temperature operation, and the special anti-oxidant blended additives provide oxidation stability & protection at both low and high temperatures.

SYN-LITH's corrosion inhibitors offer protection for both ferrous and yellow metals commonly employed in rolling element bearings.

Properties / Characteristics	SYN-LITH 1.5-460	SYN-LITH 2-100	SYN-LITH 2-220
NLGI Grade	1.5	2	2
Base Oil Viscosity @40°C, cSt @100°C, cSt	460 45	120 14	250 28
Viscosity Index	150	150	146
Drop Point, °F (°C)	536 280	536 280	536 280
Service Temperature Range	-22°F to 285°F	-40°F to 285°F	-31°F to 302°F
Oil Separation	<4%	<3%	<3%
Thickener Type	Lithium Complex Soap	Lithium Complex Soap	Lithium Complex Soap
Corrosion (Rust) Preventative Properties (ASTM D1743)	Pass	Pass	Pass
Copper Corrosion	1b	1b	1b
4 Ball Wear Scar, mm	0.55	0.47	0.47
Timken Load	75	-	65