

LINDEMANN BLUE-G

MULTI-PURPOSE EP GREASE WITH TEFLON

LINDEMANN Blue-G grease is a superior multi-purpose grease excellent lubrication characteristic for a wide range of anti-friction and plain bearings, gears and couplings in automotive, marine, agricultural and industrial applications.

The extreme pressure and anti-wear properties enables LINDEMANN Blue-G grease to provide long service life under high shock and load conditions from low temperature to very high temperature environments. These special shear stable qualities, combined with the inclusion of rust, oxidation and corrosion inhibitors ensure LINDEMANN Blue-G grease is the preferred recommendation for "sealed for life" anti-friction bearings.

Additionally LINDEMANN Blue-G grease contains Teflon (polytetrafluoroethylene) which offers residual lubrication under the most arduous of conditions as well as enhancing the extreme pressure characteristics of the grease.

BENEFITS & PROPERTIES

Functional multi-purpose grease for low and high temperatures. LINDEMANN Blue-G has a continuous temperature operating range of -40 to +260° C.

Please note that LINDEMANN Blue-G grease provides lubricating protection even for intermittent operation up to 260° C. This feature is unique in that normal "no melt" greases offer reduced lubrication efficiency in this temperature range.

LINDEMANN Blue-G has excellent shear stability which is critical, especially for the protection of sliding surfaces.

Have assured long service life due to the exceptional oxidation rust and corrosion resistance of LINDEMANN Blue-G grease. With extended service, LINDEMANN Blue-G grease maintains its original consistency. It will not thicken as it resists oxidation and it will not thin out as it is shear stable.

Where water contamination or water washout contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of LINDEMANN Blue-G to water washout. In this situations LINDEMANN Blue-G also gives rust and corrosion protection.

LINDEMANN Blue-G grease is compatible with most grease except particularly those gelled with bentone and aluminium complex thickeners. Where these greases have been used it is necessary to remove all traces of the offending grease prior to using LINDEMANN Blue-G.

TECHNICAL SPECIFICATIONS

	ASTM	LITHPLEX EP2 GRADE
NLGI grade	-	2
SOAP TYPE		LITHIUM COMPLEX
COLOUR		BLUE
TEXTURE	-	BUTTERY
PENETRATION AT 25 °C	D217	
UNWORKED		270
WORKED, 60 STROKES		275
WORKED, 100000 STROKES		
CHANGE %		PLUS 10
DROPPING POINT °C	D2265	260+
ROLL STABILITY	D1831	
PENETRATION CHANGE %		PLUS 10
LEAKAGE, WHEEL BEARING 65 G	D1263	
PACKED, 163 °C, G		1,5
WATER WASH OUT AT 80 °C, %	D1264	3,5
OIL SEPARATION 24 HOURS	D1742	
AT 25 °C KPA.		2
OXIDATION STABILITY	D3336	
PRESSURE DROP AT 100 HOUR, KPA		15
PRESSURE DROP AT 500 HOUR, KPA		70
LUBRICATION LIFE, BEARING NO.204		
10000 RPM. 163 °C, HOURS	D3336	125
RUST PREVENTION RATING	D1743	1
TIMKEN OK LOAD, KG	D2509	23
4 BALL EP TEST	D2596	
LOAD WEAR INDEX		40
WELD POINT, KG		290
4 BALL WEAR TEST, 40 KG 1 HOUR	D2266	
1200 RPM AT 75 °C, SCAR MM		0,34
BALL JOINT TEST	D3428	
BRINE SENSITIVITY		PASS
TORQUE STABILITY		PASS
BASE OIL, CST AT 40 °C	D445	143
AT 100 °C	D445	14