

BLUE LITHIUM COMPLEX

DESCRIPTION:

Varouh Oil, Inc.'s Blue LC EP 2 Grease is a premium, state-of-the-art lithium complex grease. This multipurpose lithium complex grease has a high dropping point in excess of 500 F, which ensures retention where high temperatures are encountered. This product has been formulated with a special additive package which insures high film strength, extreme pressure (EP) and anti-wear properties. The high-quality virgin base fluids provide excellent natural oxidation inhibition, this is combined with effective antioxidants as well as corrosion inhibitors provide extra stability under storage and extreme service conditions.

PRODUCT FEATURES:

Blue LC Grease is a premium quality lithium complex EP grease formulated with highly refined base oil and specialty additives to meet severe requirements of automotive wheel bearing, chassis and industrial machinery requirement. The appearance is smooth, somewhat tacky, slightly stringy and blue in color. This grease is capable of operating under wide range of operating conditions from 0 O F to 3500 F, but has a dropping point of more than 500 O F.

Product Features:

- Exceeds the requirement of NLGI GC-LB specification for Automotive Wheel Bearing and Chassis applications
- Outstanding extreme pressure protection

Specifications and Approvals

Royal 98 LC Grease

NLGI CC-LB

- Wide temperature operability (0 O F to + 350 O F)
- For Medium to high-speed bearing with dNm factor 300000-400000
- Superior water resistance and adhesion

Customer Benefits:

- Resists thinning or hardening in bearings, minimizing leakage, and maintaining extended life service

- Specialty additives system minimizes chemical deterioration over extended periods of storage and service. Protects steel and copper alloy bearings against rust and corrosion
- Provides effective wear protection for ball joints, drive shafts and other parts subjected to high pressure and shock loading.
- Offers excellent protection low temperature pumpability and high temperature It effectively resists washout and excessive dilution by water, assuring all-weather lubrication Applications:

In general, this grease is recommended for extended service in heavy-duty automotive, trucks, buses, farm tractors, construction equipment, high temp wheel bearings (disc brakes), roller & ball bearings, electric motor bearings, throw-out bearings, universal joints, chassis, fifth wheel and other applications. This grease is suitable for medium size high speed bearings. It is a robust multi-purpose grease for a wide range of industrial applications.

APPLICATIONS:

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Product Number	9100BB	9100BA	91 00BF	Test Method
Color	Blue	Blue	Blue	Visual
Texture	Smooth, Tacky	Smooth, Tacky	Smooth, Tacky	Visual
NLGI Grade	1	2	3	ASTM D 217
Worked Penetration	310-340	265-295	220-250	
Change in Pen after 100,000 strokes	30 max	30 max	30 max	ASTM D 217
Drop Point , ° F	450 Min	500 Min.	500 Min.	ASTM D 2265
Viscosity @ 40 C, cSt	224	224	224	Drop Point
Viscosity @ 100 C, cSt	17.4	17.4	17.4	
Viscosity @ 100 F, SUS	1194	1194	1194	ASTM D 445
Viscosity @ 210 F, SUS	89.9	89.9	89.9	
Type of thickener	Lithium complex	Lithium complex	Lithium complex	
Weld load, kg	315	315	315	ASTM D 2596
Wear Scar Dia, mm	0.6	0.6	0.6	ASTM D 2266
Timken OK load, lbs.	50	60	65	ASTM D 2509
Water Washout, 175 F , %		3.0	1.7	ASTM D 1264
Water Spray off, % wt.		25	18	ASTM D 4049
Rust Test	Pass	Pass	Pass	ASTM D-1743 ☐
Steel Mobility @ 77 °F	-	390 g/m	-	US Steel Mobility
@ 0 °F	-	8.6 g/m	-	