



©TREBLEX INDUSTRIAL PRODUCTS

LITH-PLEX LV 102

Premium Lithium Complex Grease

Product Description

Lith-plex LV 102 is a premium, high melting point, lithium complex grease of NLGI 2 consistency. It is a high temperature grease and has been designed to meet the most demanding grease applications especially where a low base oil viscosity is required.

Lith-plex LV 102 formulation features include components that provide extreme pressure (EP) and anti-wear (AW) protection plus water resistance properties. **Lith-plex LV 102** is also formulated to give a high level of oxidation, rust and corrosion protection.

The state-of-the-art equipment and procedures employed to manufacture **Lith-plex LV 102** provide this grease with a high degree of mechanical and storage stability. It will not breakdown under high mechanical stress. In storage it will not alter consistency or release oil.

Application

Lith-plex LV 102 is recommended for use in most types of industrial applications operating under high speed and low to medium load conditions. It is suitable for rolling element bearings, plain bearings, gears and couplings. Applications include electric motors, pumps, fans & generators.

The recommended operating temperature range is from -21°C to 160°C . **Lith-plex LV 102** grease can endure higher temperatures for short periods and/or if the lubrication frequency is increased.

Benefits

- Reduced wear under high speed & shock loads
- Superior protection against rust and corrosion
- High temperature capability
- Superior mechanical stability
- Excellent pumpability in centralised systems
- Excellent water resistance
- Outstanding storage stability
- Lead, Chlorine, Aromatic Extract and Nitrite free

Health, Safety & Environmental

This product is classified as non-hazardous. No special precautions are required if employed and handled in accordance to normal practice for this type of product. Good personal hygiene is recommended when handling this product. After any personal contact, the skin area should be washed with soap and water. Clothing should be laundered. Additional health, safety and environmental information is available in the Safety Data Sheet which can be obtained by contacting Treblex Industrial Pty Ltd.

Typical Characteristic

	LITH-PLEX LV 102
NLGI Grade	2
Product Number	69040023
Soap/Thickener type	Lithium Complex
Colour	Brown
Worked Penetration	280
Drop Point, °C	275
Oil Viscosity cSt, 40 °C	105
4-Ball Weld, kg	315
4-Ball Wear Scar, mm	0.55
Copper Corrosion	1a
Oil Separation, wt% loss	2.5

Due to continual product research and development, the information contained herein is subject to formulation changes without notice.