



4622 MONOLEC®

MULTIPLEX LUBRICANT

LE's 4622 MONOLEC Multiplex Lubricant is a high quality, lithium complex grease that meets the requirements of the NLGI GC-LB specification. It works well in both plain and anti-friction bearings. LE's 4622 also has excellent low temperature pumpability for cold weather applications.

LE's 4622 is perfect for use in industrial and rolling stock applications alike, calling for an extreme pressure (EP) grease. It has good mechanical stability, a high dropping point, corrosion resistance and extreme pressure performance. It also contains MONOLEC, LE's exclusive wear-reducing additive.

USER BENEFITS:

- **Reduced Wear.** Selected base oils plus EP additives and MONOLEC, LE's exclusive wear-reducing additive, provide exceptional film strength and proven protection against wear.
- **Broad Operating Temperature Range.** Has an operating temperature range of -40°F to 400°F (-40°C to 204°C). Provides excellent low temperature pumpability, yet will also protect equipment in elevated temperature applications.
- **Excellent Load Carrying Ability.** Premium base oils and EP additives provide excellent load carrying characteristics. Timken OK load is 60 lbs (27.2 kgs).
- **Versatile Product.** Can be used in industrial, fleet and automotive applications. LE's 4622 meets the requirements of the NLGI GC-LB grease specification. Suitable for all types of bearings. Mechanically stable – won't work down in service. Resists high temperatures. Pumps easily at low temperatures. Protects against corrosion.

TYPICAL APPLICATIONS:

- Front-end loaders
- Fleets
- Forklifts
- Dump Trucks
- Electric motors
- Fan bearings
- Conveyor bearings
- General chassis points
- Debarkers
- Ditching machines
- Wheel bearings

WHAT IS MONOLEC?

MONOLEC is LE's exclusive wear-reducing additive which has proven its extraordinary performance in thousands of applications. It is an invaluable component in LE's engine oils, industrial oils and other lubricants bearing the **MONOLEC** trademark.

MONOLEC creates a singular molecular lubricating film on the metal surface, vastly increasing film strength without affecting tolerances. **MONOLEC** allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.

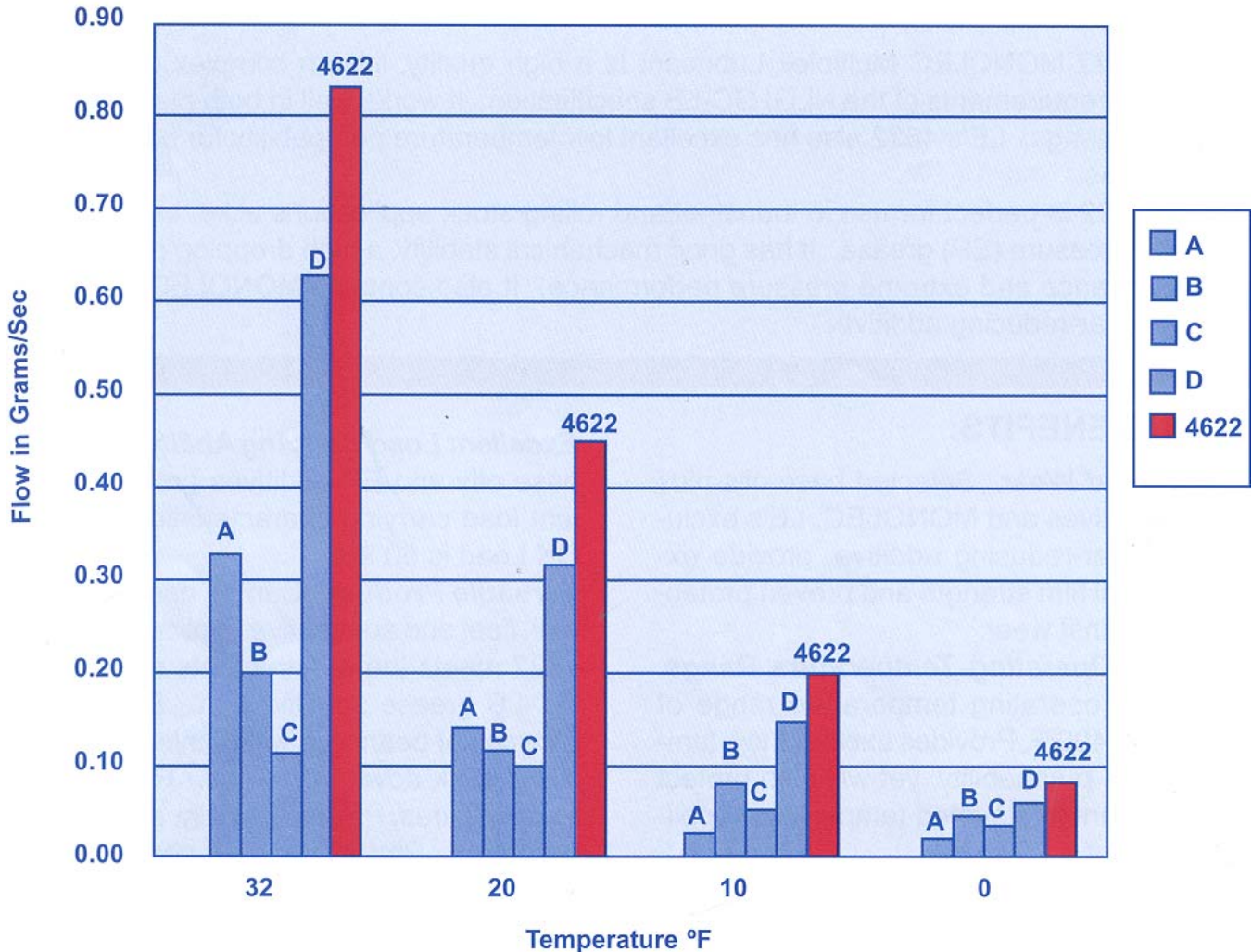


LUBRICATION ENGINEERS, Inc.

LEADERS IN LUBRICANTS

LE Products manufactured under an
ISO 9001:2000 Certified Quality System

4622 MONOLEC[®] Multiplex Lubricant Demonstrates Excellent Low Temperature Pumpability in the US Steel Grease Mobility Tests (grams/sec)



The US Steel Grease Mobility Test measures the resistance of grease flow at a prescribed temperature and pressure, thereby predicting pumpability characteristics of lubricants under low-temperature operating conditions. The sample is placed in the pressure cylinder and cold soaked to the prescribed temperature. The flow of grease is started under the selected pressure (usually 150 psi). After the initial flow, sufficient grease is collected to calculate the flow rate in grams of grease per second during a measured amount of time. The higher the flow rate in grams per second, the better the predicted pumpability of the grease.



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