

Item # 4622, Monolec® Multiplex Lubricant 4622

QUOTE



Monolec® Multiplex Lubricant 4622

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.

Lubrication Engineers operates under an ISO 9001 Certified Quality System.

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BENEFITS AND RECOMMENDATIONS

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| User Benefits | <p>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.</p> <p>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.</p> <p>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.</p> |
| Beneficial Qualities | <p>Contains extreme pressure and anti-wear additives to provide equipment protection. Designed to meet the requirements for in-plant and rolling stock applications.</p> <p>Excellent for wheel bearings with disc brakes.</p> <p>Excellent oxidation resistance.</p> <p>NLGI GC-LB rated. Excellent long life chassis and wheel bearing grease.</p> <p>Possesses a high dropping point.</p> <p>Protects bearings from rust and corrosion.</p> <p>Pumps easily at low temperatures.</p> <p>Timken OK Load of 60 lbs.</p> |

SPECIFICATIONS

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| Typical Applications | <p>Chassis, wheel bearings, front axle arrangements, U-joints, general industry, electric motors, pillowblock bearings, marine, fleet, farm or any applications requiring a lithium-complex, extreme pressure (EP) grease.</p> <ul style="list-style-type: none"> Conveyor bearings Debarkers Ditching machines Dump Trucks Electric motors Fan bearings Fleets Forklift Front-end loaders General chassis points Wheel bearings |
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| What is MONOLEC®? | <p>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.</p> <p>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.</p> |
| Specifications Exceeded | <p>ASTM D4950 NLGI GC-LB SAE J-310</p> |
| Reliability Solution Products | Reliability Solution Products |

PHYSICAL CHARACTERISTICS - TYPICAL

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| NLGI Grade | 2 |
| Worked Penetration @ 77°F (25°C) | 265 to 295 |
| Dropping Point | 266 °C 510 °F |
| Texture | Smooth |
| Thickener Type | Lithium-Complex |
| Color | Red |

PERFORMANCE TEST RESULTS

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| Timken, ASTM D2509 | 60 lb |
| Rust Prevention Rating, ASTM D1743 | Pass |
| Four Ball Wear (ASTM D2266) | 0.59 mm |
| Four Ball Weld Point (ASTM D2783) | 400 Kg |
| Four Ball Weld Point Load Wear Index (ASTM D2783) | 59 |
| Fretting Wear Protection, mg Loss (ASTM D4170) | 7 mg |
| Low Temp Torque, (ASTM D4693) | 14.5 NM |
| Water Wash-out @ 80°C (176°F), % loss, ASTM D1264 | 12 |
| High Temperature Life (ASTM D3527) | 100.3 hrs |
| Oil Separation, % Loss (ASTM D1742) | 3.1 % |
| Leakage Tendencies (ASTM D4290) | 6 g |

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| Elastomer Compatibility (ASTM D4289) | CR Elastomer Hardness Change - Pass CR Elastomer Volume Change - Pass NBR-L Elastomer Volume Change - Pass NBR-L Hardness Change - Pass |
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CUSTOMER TESTIMONIALS

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| Customer Testimonials | 4622_AJ_Trunzo_Inc 4622_County_Coach_Corp 4622_EL_G_Metals 4622_Kronotexx 4622_Wadham_Energy_LP |
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