

Product Information



Monolec® Rock Drill Lubricant (6303)

Increases Equipment Life and Promotes Easier Operation

Among the most severe demands on lubricants are those related to operation of air-activated percussion tools such as rock drills and jack hammers. These demands include pounding, constant pressure and moist air. Unlike ordinary oils used for air-powered tool lubrication, which require frequent replenishment, Monolec® Rock Drill Lubricant possesses superior performance features and qualities designed specifically for more effective and prolonged service in these extreme service conditions.

Beneficial Qualities

Longer Equipment Life

- Promotes easier operation even at full power in prolonged usage
- Provides fully effective lubrication at high speeds, loads and temperatures
- Protects equipment with superior lubricity

Lower Operating Costs

- Reduced friction lowers operating temperatures for longer maintenance-free service
- Extends equipment life, saving replacement costs
- Reduces rust and corrosion

Superior Wear Protection

- Extreme pressure (EP) additive keeps metal surfaces from galling and welding
- Prevents the formation of destructive byproducts
- Resists wear with increased film strength
- Clings to metal parts where moisture is present

Enhances Equipment Performance

- Eliminates erratic power for smoother and more efficient operation
- Increases productive service from bearings and other moving parts
- Lowers operating temperatures and pressures
- Increases oxidation resistance



Proprietary Additive

LE's proprietary additives are used exclusively in LE lubricants. Monolec® Rock Drill Lubricant contains Monolec.

Monolec® wear-reducing additive creates a single molecular lubricating film on metal surfaces, vastly increasing oil film strength without affecting clearances. An invaluable component in LE's engine oils, industrial oils and many of its other lubricants, Monolec allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.





Monolec® Rock Drill Lubricant

Performance Requirements Met or Exceeded

- USDA H2

Typical Applications

- Rock drills
- Jackhammers
- Other air-powered tools

	6303
Color	Red
ISO VG	100
Relative Density @ 60°F/60°F, ASTM D1298	0.8773
Viscosity @ 100°C, cSt, ASTM D445	11.33
Viscosity @ 40°C, cSt, ASTM D445	98.72
Viscosity Index ASTM D2270	101
Flash Point °C (°F), (COC), ASTM D92	229 (444)
Pour Point °C (°F), ASTM D97	-27 (-17)
Copper Corrosion 3 hrs @ 100°C, ASTM D130	1b
Four-Ball EP Weld Point kgf, ASTM D2783	200
Four-Ball Wear @ 75°C, 1,200 rpm, 40 kgf, 60 minutes, mm wear, ASTM D4172	0.32
Gardner-Denver Ground Bearing Test Pass @ lb/in2	300,000

