



# 159

## MACHINERY GREASE

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

### PRODUCT DESCRIPTION

159 Machinery Grease offers rust and corrosion additives as well as oxidation inhibitors enhancing the performance of this multi-purpose lithium grease. 159 Machinery Grease resists mechanical shear and is water and washout resistant. 159 Machinery Grease is manufactured with extreme pressure additives for increased load carrying capabilities and anti-wear properties for effective performance under constant high load conditions. It is a great general automotive, industrial, and machinery grease. 159 Machinery Grease is highly recommended as a bearing lubricant.

### BENEFITS

- Water resistant
- Rust and oxidation resistant
- Anti-wear properties
- Extreme pressure properties
- Multipurpose industrial lubricant
- Shear resistant

### TYPICAL OBSERVATIONS

	159N00	159N0	159N1	159N2
Color	Amber	Amber	Amber	Amber
Texture	Smooth	Smooth	Smooth	Smooth
Density lb/gal, @ 77°F (25°C)	6.67	6.87	7.08	7.25
Specific Gravity, @ 77°F (25°C)	0.80	0.82	0.85	0.87
Dropping Point, ASTM D-2265	352°F (177°C)	352°F (177°C)	352°F (177°C)	352°F (177°C)
Flash Point, ASTM D-92	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)	>400°F (>204°C)
Penetration, ASTM D-217 worked @ 77°F (25°C)	400–430	355–385	310–330	265–285
Base Oil Viscosity cSt @ 40°C	145	145	145	145
Corrosion Preventive Properties, ASTM D-1743 @ 125°F (51°C)	Pass	Pass	Pass	Pass
Water Washout Characteristics ASTM D-1264 @ 100°F (37°C)	2.38%	2.38%	2.38%	2.38%
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	1.20%	1.20%	1.20%	1.20%
Oil Separation, ASTM D-1742 @ 77°F (25°C)	0.21%	0.21%	0.21%	0.21%
Oxidation Stability, ASTM D-972 @ 210°F (98°C), 100 hrs. PSI Loss	2.5	2.5	2.5	2.5
Temperature Range	5°F to 300°F (-15°F to 148°C)	5°F to 300°F (-15°F to 148°C)	5°F to 300°F (-15°F to 148°C)	5°F to 300°F (-15°F to 148°C)
Shelf Life (unopened container)	Two years	Two years	Two years	Two years

### RELATED PRODUCTS

- 153M Multipurpose Moly Machinery Grease
- 155MSYN High Temperature Synthetic Machinery Lubricant with Moly
- 155SYN High Temperature Synthetic Lubricant
- 158MSYN Inorganic Synthetic Grease with Moly
- 167SYN Premium Synthetic Multipurpose Grease
- Polymer 400 Multipurpose Lubricant

### APPLICATION

With a dropping point of 352°F (177°C), 159 Machinery Grease uses include low and high speed equipment, cold or hot temperature operations, and wet or dry running service. 159 Machinery Grease is also used on anti-friction bearing and journals, U-joints, water pumps, chassis, springs, and for general greasing. It is widely used in industries including mining, steel mills, construction, and heavy equipment.

