



RONEX Extra Duty

Grease

Product Description

Exxon RONEX Extra Duty is the brand name for a line of super premium quality high base oil viscosity greases designed for a wide range of heavy duty industrial and commercial vehicle applications. The high base oil viscosity in addition to the extreme pressure additives gives the greases high load carrying performance. The greases are very tacky and adhere well to metal surfaces, as a result of the tackifier additive included in the formulation. The greases are based on proprietary lithium-complex thickener technology and have very good water resistance and rust and corrosion prevention properties; they also have very good mechanical and oxidation stability.

RONEX Extra Duty greases are available in three grades: RONEX Extra Duty 1, an orange colour NLGI 1 grease; RONEX Extra Duty 2, an orange colour NLGI 2 grease; and RONEX Extra Duty Moly 2, a grey/black NLGI 2 grease containing 3% molybdenum disulphide. RONEX Extra Duty Moly 2 greases are particularly recommended for applications such as vibrating or oscillating movement, which tends to squeeze out the grease. In these cases, the 3% molybdenum disulphide affords an important measure of residual lubrication when the grease has been displaced.

Features and Benefits

RONEX Extra Duty greases are members of the Exxon brand of lubricating products recognized for their high quality and reliability, as well as performance capabilities. This family of products is manufactured to the strictest quality standards. A key feature for this product family is its reputation for reliability and consistency, and its ability to handle tough applications. RONEX Extra Duty products are super premium greases designed for heavy-duty bearing applications in multiple industrial applications that offer the following quality features:

- High base oil viscosity provides outstanding high load performance and equipment protection
- Extreme-pressure additives provide enhanced protection under high loads and shock load operating conditions
- High dropping point provides an extra margin of bearing safety in severe, high-temperature operations
- Tacky, water resistant, inhibited against rust and corrosion to maintain lubrication quality and reliability even in severe service environments
- Very good mechanical stability and resistance to shear maintain grease properties even under tough operating conditions
- Manufactured under ExxonMobil stringent Product Quality Management System (PQMS)™ quality control standards

Applications

With its high, ISO VG 460, base oil viscosity, RONEX Extra Duty is recommended for high load applications at slow-to-moderate speeds, including most bearing applications in the paper, construction, and mining industries, as well as off-highway vehicles. Specific applications:

- RONEX Extra Duty has been shown to provide excellent lubrication of felt roll bearings, wet end bearings, and press section bearings





- It is also an outstanding multi-purpose grease for general mill applications
- RONEX Extra Duty 1 is a completely satisfactory grease for flexible gear-type couplings
- RONEX Extra Duty 2 Moly grease is particularly recommended for applications such as bucket pins and fifth wheels, where vibrating or oscillating movement tends to squeeze out the grease

Typical Properties

Exxon RONEX Extra Duty	1	2	2 Moly
NLGI Grade	1	2	2
Thickener Type	Li-Complex	Li-Complex	Li-Complex
Color, Visual	Orange	Orange	Grey/Black
Penetration, Worked, 25° C, ASTM D 217	325	280	280
Dropping Point, °C, ASTM D 2265	280	280	280
Viscosity of Oil, ASTM D 445			
cSt @ 40° C	460	460	460
Penetration change from 60X to 100,000X, +5 ASTM D 217	+5	+5	+5
Penetration Consistency Change, ASTM D 5 1831, Roll Stability, %	5	5	5
Timken OK Load, ASTM D 2509, lb	50	50	50
Corrosion Test, ASTM D 1743	Pass	Pass	Pass
Water Washout, ASTM D 1264 1 hr. @ 79° C, %	5	3.5	3.5

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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