

LUBEALLOY

SPECIALISED LUBRICANTS

LA 227 Compressor Oil & Vacuum Pump

Description

LA 227 is a superb air compressor & vacuum pump lubricant designed to provide a new dimension to compressor/vacuum pump safety and cost-saving functionality. The ideal characteristic of LA 227 is a high chemical stability, good flash point, high thermal stability, a high degree of refinement and purity, and is heavily fortified against the formation of rust, corrosion and oxidation. LA 227 has a balanced viscosity that will ensure the essential protection for fine clearances and tolerances.

The use of ordinary or inadequate lubricants in today's compressors is dangerous. A reaction caused when heat and carbon formation are swept into the receiver can be an explosion or a hazardous fire. Unfortunately, this fact is often ignored or misunderstood until it is too late.

Carbon Resistance

- Resists the formation of carbon
- Exceptional lubricity not only closes seals and thereby improves pressure output, but also resists high temperature destruction

Viscosity Stable

- Built-in viscosity improvers that provide the added fine clearance protection essential to long-term compressor/vacuum pump efficiency

Oxidation Resistance

- Provides exceptional protection against oxidation
- Meets the most severe classification, VD-L, of the DIN 51506 Standard and the Pneuop Oxidation Test (DIN51352) defined in this Standard

Applications

LA 227 is extremely versatile and can be used on all types of compressor equipment including:

- Screw Compressors (dry and flooded)
- Rotary Compressors
- Gear Compressors
- Centrifugal Compressors
- Twin-Lobe Compressors
- Axial Flow Compressors
- Internally Compounded Compressors
- All types of Vacuum Pumps

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The major function in all cases is based on a superiority in the suction, transfer, compression and discharge actions. Generally speaking, this type of equipment can be divided into two categories.

(A) The Mechanical or positive displacement category.

(B) The Centrifugal or active force acting type for moving entrapped gas.

LA 227 provides the necessary protection and acts as a safety factor, regardless of whether the equipment is the Multistage Reciprocating Compressor type or the Expansion System type (with a cryogenic temperature of exceptionally low variance) or Vacuum Pumps.

Since Vacuum Pumps function similarly to Air Compressors - in reverse – LA 227 is also strongly recommended for achieving maximum performance with all types of vacuum pumps.

One major problem with all ordinary oils is the poor viscosity - preventing correct drip and feed speed. LA 227 however, has built-in stability so that feed timing can be accurately calculated to meet the demands of the equipment. Too fast an input leads to carbon build-up and too slow an input means disastrous metal-to-metal contact.