

BIOGREASE EP0 and BIOGREASE EP2 Instructions for Use

BIOGREASE EP0 and **BIOGREASE EP2** are environmentally acceptable Lithium / Calcium thickened lubricating greases based on fully saturated renewable esters. Both grades are biodegradable and behave in a similar manner to the majority of traditional mineral oil based greases.

We recommend that **BIOGREASE EP0** and **BIOGREASE EP2** are used in accordance with the following guidelines:

1. **BIOGREASE EP0** is suitable for use as a general-purpose grease in equipment operating at temperatures in the range of -25°C to +140°C. **BIOGREASE EP2** is suitable for use as a general-purpose grease in equipment operating at temperatures in the range of -25°C to +130°C.
2. Any previous grease in use in the system should be removed by cleaning or purging. Incompatibility can result in loss of consistency, oil separation and poor functionality of the grease. In cases where it is not possible to remove all of the old grease:
 - i. Compatibility with Lithium (Li) or Calcium (Ca) simple soap thickened greases is likely to be no problem. These are the most common grease on the market.
 - ii. Compatibility with Complex greases, even Lithium Complex (LiX) or Calcium Complex (CaX) is less certain.
 - iii. Mixing with Barium and Bentonite (Clay) thickened greases should be avoided.
3. **BIOGREASE EP0** and **BIOGREASE EP2** should not be substituted where Molybdenum, graphite or other solid-lubricant containing grease is specified or has been found necessary.
4. When purging old grease with a grease gun, please note that there may be dead spots where the old grease remains.
5. The equipment manufacturer's guidelines on NLGI grades and any other special requirements should be adhered to. These will normally be available in the equipment manual.
6. Inspection and re-lubrication should be carried out as normal and in accordance with the equipment manual. Any replenishment should be with either **BIOGREASE EP0** or **BIOGREASE EP2**. Do not mix with other greases.

Note: **BIOGREASE EP0** is suitable for use in marine applications primarily involving centralized lubrication systems.

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