

STORAGE AND SHELF-LIFE GUIDELINES GREASES



STORAGE CONDITIONS

The storage environment greatly affects the shelf life of greases. The conditions to monitor are:

1. TEMPERATURE

Extremes of heat and cold can affect grease stability. Heat increases the rate of oxidation, which can lead to deposit formation and viscosity increase. Cold temperatures can cause wax and possible sediment formation. Alternating exposure to heat and cold may draw air and moisture into containers.

2. SUNLIGHT

Exposure to sunlight may lead to a change in appearance of greases and solar gain may increase the rate of oxidation regardless of container type.

3. WATER & PARTICULATE CONTAMINATION

Contamination by water or airborne particulates can shorten the lifetime of the grease and its suitability for service.

4. OIL SEPARATION

Oil naturally separates from most grease. Increased temperatures can accelerate oil separation. If grease is removed from drums or pails, the surface of the remaining grease should be smoothed to prevent oil separation into the cavity. Greases are formulated to have a controlled rate of oil separation and it is critical that this is managed.

STORAGE

- Where possible, store greases sealed in their original container in a dry, ambient, indoor area where airborne particles are at a minimum. Check the container fill date and use the oldest container first. Use clean tools and equipment when pumping or handling greases
- Always store grease upright to prevent oil separation and bring grease to satisfactory dispensing temperature just before it is used.
- Keep containers tightly covered or closed to avoid contamination. Wipe off the tops and edges of containers before opening them to avoid contamination.
- Food grade lubricants should be stored separately away from non-food grade lubricants.

SHELF-LIFE GUIDELINES

Please refer to the product data sheet.

NOTES

Additional instructions for use are provided for some of our marine product range. Please contact us for further information on a specific product.

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BENJ^M R. VICKERS & SONS LTD.

Registered Office
6 Clarence Road, Leeds,
LS10 1ND, United Kingdom

Registered in England
Company No. 00130013

Tel: +44 (0) 113 386 7654
Web: www.vickers-oil.com
Email: inbox@vickers-oil.com

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