



Turn To The Industry Experts



Min-Lube™ Help Sheet

Application Instructions

1. Clean and remove contaminants **and previous grease** off all components before applying.
2. Apply a small amount with brush or hand.
3. Spread and wipe off all excess with hands.
4. Leave a **thin** film on your wear surfaces.
5. Install components and work back and forth then remove components to wipe off extra grease at the end of travel.

Frequently Asked Questions

Have you experienced caking or hardening with grease? Here's a few reasons why grease hardens:

High temperatures lead to oil loss from separation and evaporation, causing grease hardening. Excessive temperatures may also cause the oil to oxidize and transform into a thick tar-like substance. Operation past a grease's drop temperature can result in the grease dropping off the lubrication point. *Min-Lube's drop point is 600°F and it will hold its integrity for repeated cycles in the 500 - 550°F range.*

Mechanical forces can cause separation in grease between the base oil and thickener. This separation reduces grease operational lifespan and can lead to gradual grease hardening. *Min Lube has outstanding mechanical stability and shows no evidence of shear breakdown even at extended high temperature testing. See Cone Penetration and Roll Stability Test results.*

Grease incompatibility: Mixing incompatible greases will lead to oil separation and grease hardening. *Be sure to remove all old grease before applying new grease.*

- **Oxidation of the grease** is caused by exposure to oxygen, light, metals and high temperature cycles. *Min-Lube contains Micronox® to prevent organic degradation of the grease and additional additives to achieve excellent thermal and mechanical stability.*

Why is the grease tan/off-white instead of white?

Min-Lube is a mineral oil base in combination with a calcium thickener and does not contain dyes or any additives that add color, therefore, Min-Lube is a natural oil color. Min-Lube is designed with a mineral oil base as it allows for a more uniform blending of the thickener, base oil, and additives in comparison to synthetic base oils and hydrocarbon additives.

Have you experienced any cracking or oil separation when you open a container?

Cracking can occur for several reasons: oxidation, thickener type, poor blending, etc. Oil separation can be a sign of poor blending and incompatible additives.

Min-Lube helps reduce the chances of these situation because of the thickener type and additive package that we have in the product. These carefully chosen materials allow us to achieve the proper blending needed to make this product successful.



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Why does Min-Lube feel smooth - not tacky or stringy like other grease?

Traditional greases are thick and stringy to achieve a physical water resistance and a physical ability to hold onto a metal surface.

Min-Lube is engineered using next generation proprietary additives to achieve water resistance and hold onto surfaces even under the highest pressures and temperatures molecularly and chemically. This technology, known as microfilming, allows Min-Lube to be thin and smooth in texture for easy application while guaranteeing maximum water resistance, pressure resistance, and temperature resistance.