Open Gear Grease Application

Heavily loaded and severe-service industrial open gear sets require grease that stays in place to protect against fretting, pitting and corrosion. However, typical open gear greases struggle to maintain integrity under heavy loads and are easily scraped off the gear tooth contact zones during the meshing action. Without frequent reapplication, the gears become exposed to accelerated corrosion and wear.

To extend service intervals and provide continuous protection against corrosion and wear, AMSOIL Industrial Open Gear Grease features extended polymer chains that create thick filaments of grease, which are pulled across the gear tooth flanks from the root of each gear, redistributing grease onto the contact zone during each gear-meshing action. It is compatible with and can be applied on top of most preexisting open gear greases.

Manual Application

Step 1: For maximum performance, clean each gear tooth and gear roots to remove preexisting grease and any wear debris.

Step 2: Apply a liberal coat of **AMSOIL Industrial Open Gear Grease** to all gear tooth surfaces using a heavy-duty parts brush.

Automated Application

Step 1: For maximum performance, clean each gear tooth and gear roots to remove preexisting grease and any wear debris.

Step 2: Clean out preexisting grease from automated lubricator reservoir.

Step 3: Add **AMSOIL Industrial Open Gear Grease** to automated lubricator reservoir.

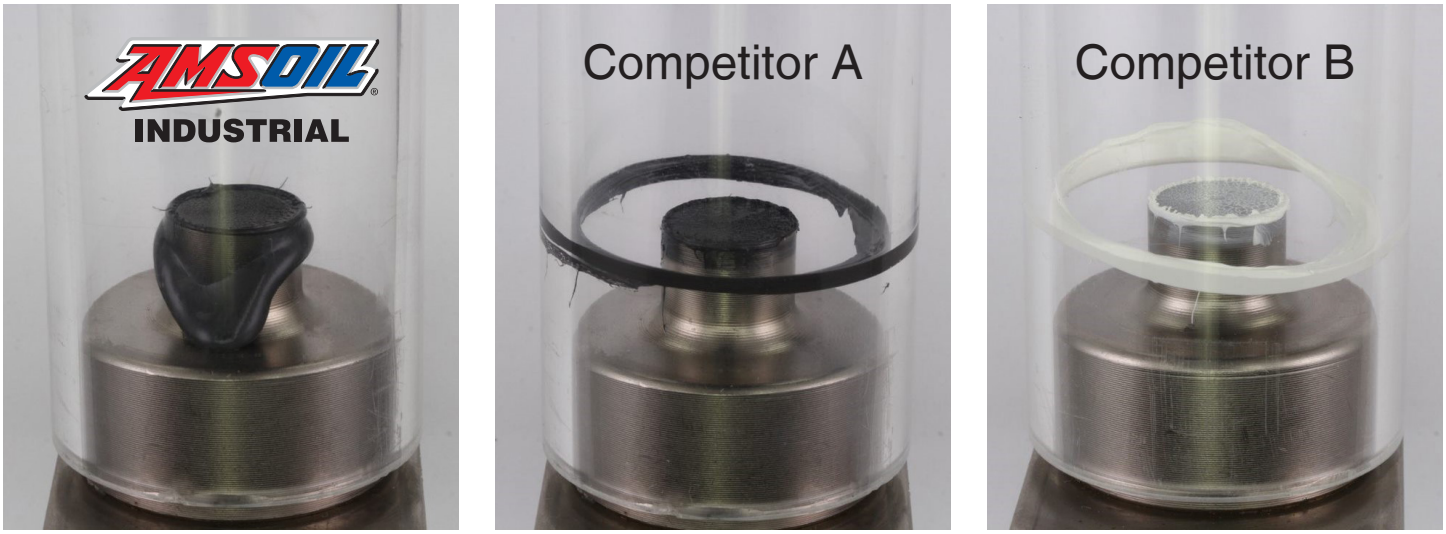
Step 4: Disconnect the line at the lubricating point.

Step 5: Purge grease lines by pumping **AMSOIL Industrial Open Gear Grease** until it is seen running from the line.

Step 6: Reconnect the line at the lubricating point.

Extreme-Pressure Performance

In this pneumatic lab test, a controlled, heavy-impact force and load was applied to three NLGI #2 greases using a ram and anvil. **AMSOIL Industrial Open Gear Grease** exhibited less separation and splaying, indicating superior extreme-pressure performance.



Competitor products purchased January 2020

Consult an AMSOIL Industrial Application Engineer to identify the best solutions for your specific applications.

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