QuestLiner puts JT-6® Super Heavy Duty 460 Grease to the Test

QuestLiner, a liquid bulk carrier specializing in hazardous materials, operates their fleet throughout 48 states, Mexico and Canada and focuses on transporting products in a safe and efficient manner. With over 240 tractors and 400 specialized trailers, they rely on Mystik JT-6 Super Heavy Duty 460 grease to keep their local, regional, and long-haul drivers on the road.

Tyler Neumann, terminal manager at QuestLiner, talks about putting Mystik JT-6 Super Heavy Duty 460 Grease to the test with all three routes: local, regional and long haul.

Local

“Local routes are the most strenuous on the grease with the amount of drops and hooks. Drivers will hook and detach a trailer multiple times and their fifth wheel is exposed frequently to the various weather conditions.

What we needed was a grease that would stay in place on the fifth wheel to limit the reaplication of grease and that we could use on the chassis, reducing inventory and misapplication.

While using Mystik JT-6 SHD 460, we found that our local driver wasn’t coming into the shop as often to reapply the fifth wheel and even with the exposure to the various climates, the fifth wheel didn’t rust or have dry spots.”

Regional & Long-Haul Drivers

“Some of the challenges we incur with our regional and long-haul drivers include the exposure to a variety of climates throughout the week. In most cases, the driver will start their trip in one part of the country and end up in a much cooler or warmer climate. With environmental changes and fifth-wheel exposure to road grime and salt, the potential for rust increases.

We tried this product in two different temperature ranges—in the Houston heat and frigid North Dakota. While in Houston, Mystik JT-6 SHD still applied very easily and stayed in placed on that fifth wheel. On the other side of the spectrum, while in North Dakota in the cooler climate, we found that the application of this product in subzero temperatures was very easy to apply and also held to the fifth wheel.

While using Mystik JT-6 Super Heavy Duty 460 grease, our long-haul drivers did not need to reapply as often but they still had a convenient squeeze tube to reapply as needed.”

Learn more and watch the complete testimonial at www.mystiklubes.com
Grease Market Needs:
• Extended service capability with stay-in-place performance
• Water/corrosion resistance
• Maximum load carrying capability for extra protection between maintenance intervals
• Extreme duty with good mobility and pumpability
• Flexibility to use in a wide variety of applications
• Convenient top-off packaging

Key Selling Points
Mystik® JT-6® Super Heavy Duty 460 Grease is a specially-formulated, NLGI #2 high performance grease surpassing industry and market demands for a wide variety of applications.

Features
• Maximum wear protection and heavy load-carrying capacity (See Figure 1)
• Broad operating temperature range of -5°F to 350°F (See Figure 2)
• Proprietary stay-in-place formula helps extend service life (See Figure 3)
• Water resistant; protects against corrosion (See Figures 3, 4 and 5)

Cost Saving Benefits
• Extends service life (up to 3X)
• Use less grease
• Reduce maintenance
• Minimize downtime
• Reduces inventory as a single-solution grease
• One grease to lubricate chassis and fifth wheels
• Minimizes misapplication

Convenient On-the-Go 10-oz. Squeeze Tube for Fifth Wheels
• No-mess portable, re-sealable squeeze tube for on the road
• No grease gun required for application
• No grease pouch left behind

Applications
Common Applications:
• Heavy Duty Trucks (local, regional and long haul)
• Extreme Hauling Trucks
• Agricultural Equipment
• Off-highway/Construction Equipment
• Buses, Recreational Vehicles & Trailers
• Slides, Gooseneck Equipment Trailers

Common Lubrication Points:
• Ball Joints
• Bell Crank
• Break Cam Bushings
• Drag Link
• Fifth Wheel
• Hood Hinges
• Interaxle Drive Shaft
• Kingpins
• Power Steering Box
• S-Cams
• Shackles Pins
• Slack Adjusters
• Slides and Locking Mechanisms
• Slip Joint
• Steering Gear
• Steering Shaft U-Joints & Slip Spline
• Support Bushings
• Throw-out Bearing and Clutch Fork
• Tie Rod Ends
• Trans Cross Shaft Release Fork
• U-joints

Mystik JT-6 SHD 460 Grease vs. the Leading Competitors

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Common Applications:
Mystik JT-6 Super Heavy Duty 460 Grease has a unique synthetic blend formula that provides better mobility and pumpability than leading competitors without compromising its ability to stay in place.

Corrosion Test
Mystik JT-6 Super Heavy Duty 460 has the highest washout resistance compared to leading competitors which means the grease resists the effects of water, prevents failure and increases service life.

Water Spray-Off Test
Mystik JT-6 Super Heavy Duty 460 has a higher water spray-off resistance than leading competitors which means the grease stays-in-place even when exposed to direct water spray. This helps to prevent dry spots that can lead to rust and corrosion while also providing extended service capabilities.

Figure 1
ASTM D-2596 Four Ball Weld

Figure 2
Mobility @ 0°F, gpm

Figure 3
Better Metal Adhesion

Figure 4
Better Pumpability

Figure 5
% retained

Competitor A
Competitor B
Competitor C

Freshwater Corrosion
Saltwater Corrosion

*Figure 2 and 4 show an inverse of the ASTM D-4089 Water Spray-Off Test and the ASTM D-1264 Water Washout Test. For example, in Figure 4 Mystik JT-6 SHD 460 greases only test 7% better than the grease during direct water spray and retained 82 percent. While the test measures percent test, the graph shows as percent retained.