



LITHPLEX PMI-2 Extreme duty anti-seize, mine & pin grease

Product

Description:

Lith-plex MPI-2 is specialty grease designed to provide protection against wear in articulated & other high wear high load earth moving machinery pins. This product has also been used successfully as a drilling thread dope agent.

MPI-2 formulation consists of a high temperature lithium complex soap thickener together with a propriety anti seize package that impart exceptionally high temperature, anti-seize properties. It also contains performance enhancing additives to protect against water washout, oxidation and corrosion. The use of special synthetic polymers assures that this product will not be affected by mechanical stress.

The state-of-the-art equipment and procedures employed to manufacture **MPI-2** imparts to this product a high degree of mechanical and storage stability. It will not breakdown under high mechanical stress or shock loading. In storage it will not alter consistency or release oil.

Application:

MPI-2 is recommended specifically for articulated dump trucks, front end loaders & cranes, it is also suitable as an anti-seize grease or lubricant in various applications where such a product high in anti-seize additive is beneficial, for example very high temperatures, high loads or where corrosion, water ingress or sealing present problems. These include:-

- Centre pins in mining equipment.
- Bucket pins
- Thread coating/lubricant for industrial ovens, furnaces and boilers
- Lubricant and corrosion preventative for acidic, alkaline or saline operating conditions
- Anti-seize compound for feed and adjusting screws, linkages and drive chains on earth moving and agricultural equipment as well as drill rod thread dope.

Benefits

1. Excellent high shock load “stay put” ability in articulated pins.
2. Protection against seizure caused by high temperatures and corrosion
3. Variety of anti-seize applications
4. Excellent mechanical stability
5. Excellent resistance to water washout
6. Effective in harsh acid, alkaline and salt conditions
7. Outstanding storage stability
8. Suitable as a thread dope in all drilling operations

Health, Safety & Environmental:

This product is classified as non-hazardous. No special precautions are required if employed and handled in accordance to normal practice for this type of product. Good personal hygiene is recommended when handling this product. After any spills or personal contact, the skin area should be washed with soap and water. Clothing should be laundered. Additional health, safety and environmental information is available in the Material Safety Data Sheet which can be obtained by contacting Tranzmile Technical department: (07) 3344 4156 or 0447 470 072

Typical Characteristic:

LITH-PLEX MPI-2

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|-------------------------|-----------------|
| NLGI Grade | 2 |
| Product Code | 5002302 |
| Soap/Thickener type | Lithium Complex |
| Colour | Black |
| Worked Penetration | 280 |
| Drop Point, °C | >275 |
| Oil Viscosity cSt, 40°C | 460 |
| 4-Ball Wear Weld Load, | Kg 250 |
| Water Washout, wt% | 3 |

Due to continual product research and development, the information contained herein is subject to formulation changes without notice.