



OPTIMUS MINING GREASE

PRODUCT DESCRIPTION:

Optimus Mining Grease is designed for the lubrication of extra heavy-duty off-highway and mining equipment. These greases contain 5% molybdenum disulfide, can be utilized over a wide range of operating conditions and temperatures to improve productivity. The Optimus mining greases have excellent extreme pressure and anti-wear properties in addition to exceptional staying power, very good water washout, water spray-off, and extended service capabilities under harsh operating conditions.

APPLICATION:

Optimus Mining Grease is recommended for severe off-highway and mining applications in terms of operational severity and water spray. Specific applications include: Bucket pins, pivot pins, and heavily loaded chassis components, heavy equipment central lubrication systems and general purpose chassis lubrication.

FEATURES & BENEFITS:

- Excellent EP and anti-wear properties
- High level of molybdenum disulfide
- Exceptional resistance to water washout and spray-off

TYPICAL PROPERTIES:

| TEST | ASTM METHOD | OPTIMUS MINING GREASE | | |
|---------------------------------------|-------------|-----------------------|--------|--------|
| | | NLGI 0 | NLGI 1 | NLGI 2 |
| Thickener Type | | Lithium Complex | | |
| Color | | Dark Blue | | |
| Texture | | Smooth | | |
| Worked Penetration @ 25°C, 60 Strokes | D-217 | 370 | 325 | 280 |
| Dropping Point, °C | D-2265 | 270 | 270 | 270 |
| Molybdenum Disulfide, Wt. % | - | 5 | 5 | 5 |
| 4-Ball Wear, Scar, mm | D-2266 | 0.4 | 0.4 | 0.4 |
| 4-Ball Weld Load, Kg | D-2596 | 400 | 400 | 400 |
| Base Oil Viscosity @ 40°C, cSt | D-445 | 320 | 320 | 320 |

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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