

MOLY PLUS 2

Descriptions

TACBECON Moly Plus 2 is a general purpose grease, formulated with lithium thickener and solid lubricant that offer good load-carrying ability.

The solid lubricant helps to minimize metal-to-metal contacts while operating under extreme pressure conditions and shock loadings.

It has extremely good water resistance which shows no significant loss of consistency when expose to high amount of water washout.

Compatibility

TACBECON Moly Plus 2 is compatible with most engineering plastics and elastomers.

Applications

TACBECON Moly Plus 2 is used for lubrication of roller bearings, sliding bearings, chassis, axles, and universal/ball joints.

It is ideally suited for automotive industry, construction and civil engineering.

Application Methods

TACBECON Moly Plus 2 has an excellent pumpability characteristic, and able to dispense easily by pneumatic and manual hand pump. It can be applied manually by brushing or grease gun.

Product Features

- Multi-purpose fortified with MoS₂.
- Long life extreme-pressure grease.
- Reduce friction and wear under shock loads.
- Good resistance to water washout.

Cautions

- Do not mix with other grease (unless stated).
- Clean all surfaces properly during grease change.
- Apply in moderate amount.
- Avoid excess frequency of re-greasing.

Packaging Size

| | |
|----------|-----------|
| 400-gram | Cartridge |
| 5-kg | Pail |
| 18-kg | Pail |
| 180-kg | Drum |

| Typical Property | Test Method | |
|---------------------------------------|-------------|-----------------------|
| Colour, appearance | Visual | Dark grey, smooth |
| Base oil | - | Mineral |
| Thickener | - | Lithium |
| Solid lubricant | - | Molybdenum disulphide |
| NLGI grade | ASTM D 217 | 2 |
| Base oil viscosity @40°C, cSt | ASTM D 445 | 140 |
| Penetration W60@25°C, 0.1mm | ASTM D 217 | 265 – 295 |
| Dropping point, °C | ASTM D 2265 | ≤180 |
| Water washout @80°C, % wt loss | ASTM D 1264 | < 5 |
| Timken OK load, lb | ASTM D 2509 | 55 |
| Fourball weld load, kg | ASTM D 2596 | 350 |
| Fourball wear scar, mm | ASTM D 2266 | 0.55 |
| Recommended operating temperature, °C | - | -25 to 130 |
| Intermittent maximum temperature, °C | - | 160 |

The information is believed to be accurate but is furnished upon the express condition that the customer or user shall make its own assessment to determine the product suitability for a particular purpose. Before using any chemical, please read its label and Material Safety Data Sheet.