

Product Description

These premium quality special application greases are manufactured from solvent refined mineral oils, a calcium complex soap thickener and additives to provide additional protection from wear in arduous operating conditions.

Benefits

- Excellent pumpability.
- Long service life in a wide range of applications.
- Compatible with a wide range of elastomer materials.
- Ecologically acceptable (lead free) requires no special handling precautions.

Application

Grease 525 is recommended for inboard constant velocity joints (C.V.J.) and for general medium to high speed bearing applications including electric motor bearings.

Grease 171 AM-3, which contains micronised Molybdenum Disulphide (MoS₂), is suitable for the above applications and particularly for outboard C.V.J. joints and applications involving oscillating or small amplitude movements where fretting corrosion is likely.

These calcium complex greases have excellent resistance to oxidation and thermal degradation. They protect against wear and withstand high pressures for long periods over a wide range of operating temperatures, resist water wash out and washing by mild acid and alkaline solutions, providing protection against rusting and corrosion. This protection is achieved by additive technology avoiding the use of lead compounds.

NOTE! Compatibility

These two greases are incompatible with other greases. To obtain maximum benefit from them any previous lubricant must first be completely removed. This is best done by dismantling the bearing, thoroughly cleaning it and then repacking. If dismantling is not possible, the former grease may be removed by purging with the new grease. A series of small purges is preferable to a single large purge.

Health and Safety

Based on available toxicological information, it has been determined that these products pose no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Grease	Test Method	525	171 AM-3
NLGI Grade	ASTM D217	2	2
Soap Type	-	Calcium Complex	Calcium Complex
Structure	Visual	Smooth	Smooth
Colour	Visual	Brown	Grey / Black
Penetration, worked	ASTM D217	290	290
Dropping Point, °C	ASTM D2265	260	260
Viscosity of Base Oil, cSt at 40°C	ASTM D445	68	68
Viscosity of Base Oil, cSt at 100°C	ASTM D445	8.5	8.5
Timken OK load, kg	ASTM D25069	16	20
% MoS2	-	Nil	3%

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

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