



PRODUCT INFORMATION SHEET

CARLUBE MOLYBDENUM 2 GREASE

DESCRIPTION

Carlube Molybdenum 2 Grease is a high melting point Lithium based grease which is fortified with Molybdenum Disulfide for additional anti-wear protection.

ADVANTAGES

- Suitable for applications where there is oscillating or limited movement under high loads
- Wide temperature range
- Resistant to acids

APPLICATION

Constant velocity joints, universal joints, splined shafts, suspension and steering joints, plain bearings and wheel bearings (where recommended).

PERFORMANCE LEVEL

- Premium quality Lithium Grease containing Molybdenum Disulfide
- NLGI 2

PROPERTIES

Color	Blue/Black
Texture	Smooth
Worked Penetration	265 – 295
Soap Base	Lithium
NLGI	2
Drop Point (°C)	185
Timken OK Load (lbs.)	45
4 Ball Weld Load (kg)	315
Base Oil Kinematic Viscosity (mm ² /s)	@ 40°C
	@ 100°C
	98.5
	11.6
Molybdenum Disulfide (%)	2.0
Oil Separation (%)	3.0
Service Temperature (°C)	-15 – 130

AVAILABILITY

400g – XMM400 (Cartridge)

500g – XMM500

3kg – XMM003

12.5kg – XMM125

**DISCLAIMER**

This Product Information Sheet does not constitute to any extent a fitness for purpose warranty or a quality specification. It is intended to be indicative only of the general characteristics of the product(s) and may not be relied upon (in whole or in part) in substitution of nor as a supplement to any of the information and/or instructions and/or warnings set out on the product(s) and/or on any packaging and/or in the relevant Safety Data Sheet (which is available on request).

Neither of the publisher of this Product Information Sheet or the product(s) manufacturer accepts liability for the failure of any person to observe and follow the information and/or instructions and/or warnings on the product(s) and/or on any packaging and/or in the relevant Safety Data Sheet.

Any person selecting and using or causing the product(s) to be used for a specific purpose or any third party recommending the product(s) for a specific purpose without in either case first making all appropriate inquiries as to the suitability of the product(s) for the intended purpose does so at his/her/their own risk and no liability is accepted by the publisher or the product(s) manufacturer for any consequent loss, damage or injury, other than such liability as may not (by operation of law) be excluded.

This Product Information Sheet does not apply to the use of the product(s) in any combination or with other products or materials.

Users of a product or products marked "For Professional Use Only" are deemed to declare and acknowledge for themselves professional levels of skill, knowledge, competence and experience in the selection and use of such product(s).

Product Information Sheets are updated from time to time and inquiries should be made on a regular basis to ensure that this is the latest version available.

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SAFETY DATA SHEET

M.P. GREASE MOLYBDENUM

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME M.P. GREASE MOLYBDENUM
PRODUCT NO. XMM003, XMM125, XMM400, XMM500
INTERNAL ID A
APPLICATION Grease
SUPPLIER TETROSYL LIMITED
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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

CLASSIFICATION (1999/45) Not classified.

HUMAN HEALTH

See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. Get medical attention if any discomfort continues.

NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION

Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION

Consult a physician for specific advice.

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues. Do not rub eye.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

M.P. GREASE MOLYBDENUM**SPECIAL FIRE FIGHTING PROCEDURES**

No specific fire fighting procedure given.

PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

ENGINEERING MEASURES

Observe occupational exposure limits and minimize the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Goggles/face shield are recommended.

OTHER PROTECTION

Wear appropriate clothing to prevent reasonably probable skin contact.

HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE**

Grease

COLOUR

Blue Black

M.P. GREASE MOLYBDENUM

RELATIVE DENSITY 0.91 20

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

This chemical can be hazardous when inhaled and/or touched.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Absorb spillage with non-combustible, absorbent material.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ENVIRONMENTALLY
HAZARDOUS
SUBSTANCE/MARINE
POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC

Not classified.

SAFETY PHRASES

NC

Not classified.

16 OTHER INFORMATION

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

ISSUED BY

Health & Safety Department

REVISION DATE

13/07/2005

REV. NO./REPL. SDS

4

GENERATED

M.P. GREASE MOLYBDENUM

DISCLAIMER

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.