

703 -2511



A Division of Lambda Electronics

TECHNICAL BULLETIN

Interlube Systems
85a St Modwen Road
Marsh Mills
Plymouth, Devon
PL6 8LH
United Kingdom

Tel: 01752 676000
Fax: 01752 676001

INTERLUBE FG3,0 UNIVERSAL FLUID GREASE

DESCRIPTION

Universal Fluid Grease is a premium grade Calcium based grease containing selected extreme pressure additives. It is manufactured from highly refined mineral oils and is inhibited against oxidation and corrosion.

Universal Fluid Grease was developed for centralised automatic lubrication systems. It has excellent mechanical stability and is able to withstand severe working without breakdown in structure and to operate in low temperature conditions.

XGS, XL, AC, and MX approved..

TYPICAL CHARACTERISTICS.

- | | |
|-------------------------------|-----------------------|
| • Colour | Amber |
| • Texture | Fluid tacky |
| • NLGI | 000 |
| • Soap type | Calcium |
| • Unworked penetration @ 25 C | 445-475 |
| • Base oil viscosity @ 40 C | 350 to 45 Centistokes |

查询"25700-019"供应商



INTERLUBE SYSTEMS
85A St Modwen Road
Parkway Industrial Estate
Plymouth
Devon PL6 8LH
United Kingdom

TECHNICAL BULLETIN

Tel: +44(01752)676000
Fax: +44(01752)676001

HEALTH & SAFETY INFORMATION

PRODUCT SAFETY DATA SHEET CODE NO. D0739

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

NAME OF MANUFACTURER/SUPPLIER:

Sheet 1 of 4

Last Revision Date: November 1998

Interlube Systems

ADDRESS

85A St Modwen Road
Parkway Industrial Estate
Plymouth
Devon PL6 8LH
United Kingdom

Business : Telephone No: +44 (01752)676000

Fax No: +44 (01752)676001

PRODUCT NAME: TECALEMIT FG3.0

PRODUCT TYPE: Calcium thickened grease

APPLICATION:

2. COMPOSITION/INFORMATION ON INGREDIENTS

General: contains a calcium soap, anti-oxidants, corrosion inhibitors, sulphur-phosphorous E.P. additives and highly refined mineral oil.

<u>Substance</u>	<u>8-hour TWA</u>	<u>STEL</u>	<u>Source/Other Information</u>
Mineral Oil (see oil mist, general)	5mg/m ³	10mg/m ³	EH 40

3. HAZARDS IDENTIFICATION

This product has been assessed according to the CHIP Regulations and does not contain any hazardous ingredients.

查询"25700-019"供应商
PRODUCT NAME
TECALEMIT FG3.0

Sheet 2 of 4
Last revision date: November, 98

4. FIRST AID MEASURES

Eyes: Irrigate thoroughly with copious amounts of water. If irritation persists, seek medical attention.
Skin: Wash thoroughly with soap and water.
Inhalation: Move person to fresh air. If recovery is not rapid, seek medical attention.
Ingestion: **DO NOT** induce vomiting. Wash out mouth with water. Obtain immediate medical attention showing this sheet.

Pressure Injection: ALWAYS OBTAIN IMMEDIATE MEDICAL ATTENTION EVEN THOUGH THE INJURY MAY APPEAR MINOR

5. FIRE FIGHTING MEASURES

Flammability: Product is not classified as flammable but will support combustion.
Flash Point(°C, pmcc) >200
Extinguishing Media: Foam, dry powder, CO₂
Products of Combustion: Carbon, oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Spilt product presents a significant slip hazard. Avoid exposure of product to sources of ignition.
Environmental Precautions: Prevent entry into drains, sewers and water courses.
Decontamination Procedures: Scrape or shovel up and transfer to suitable containers. Clean affected area.

7. HANDLING AND STORAGE

Keep containers closed when not in use.
Protect from water by storing under cover if possible.
Prevent slip hazards.
Storage temperature 0-40 °C.
Provide suitable mechanical equipment for safe handling of drums and heavy packages.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures: Local exhaust ventilation is recommended when excessive product fuming occurs.
Personal Protection: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC) in cases of any possibility of skin contact. Change contaminated clothing and thoroughly clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Beige semi-fluid grease
Relative Density (at 20 °C):	0.850 - 0.950
Odour:	Mineral oil
Boiling Point/Range (°C):	N/ A
Pour Point/Melting Point (°C):	N/ A
Flash Point (Closed, °C):	>200
Autoflammability (°C):	N/ D
Explosive Properties (%):	N/ A

PLEASE NOTE THAT THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION

10. STABILITY AND REACTIVITY

Stability:	Stable, will not polymerise
Conditions to Avoid:	Sources of ignition
Materials to Avoid:	Strong oxidising agents
Hazardous Decomposition Products:	Irritant fumes. DO NOT breathe combustion products

11. TOXICOLOGICAL INFORMATION

The following toxicological information is based on a knowledge of the toxicity of the product's components.

HEALTH EFFECTS

On Eyes:	May cause transient irritation
On Skin:	Unlikely to cause harm on brief or occasional contact
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures
By Ingestion:	May cause nausea, vomiting and diarrhoea
Chronic:	Repeated and prolonged skin contact may lead to skin disorders
Other:	Products which have become contaminated in use or from external sources may present other serious health effects.

12. ECOLOGICAL INFORMATION

Biodegradability: No applicable test Chemical Oxygen Demand (mg.O₂/l): Not determined

Due to its physical form the product has low mobility in the environment.

13. DISPOSAL RECOMMENDATIONS

Place used and contaminated materials/packaging in suitable containers. Dispose of the controlled waste in accordance with Duty of Care Regulations, [Environmental Protection Act 1990 - Section 34(7)] using a licensed waste disposal company.

14. TRANSPORT INFORMATION

Classification for transport:	N/A		
UN number:	N/A	Packaging Group:	N/A
Shipping name:	N/A		
IMO Class:	N/A	Marine Pollutant:	NO
ADR/RID:	N/A	ICAO/IATA:	N/A

15. REGULATORY INFORMATION

Hazard Label Data: This product is not classified as being hazardous for supply.

EC Directives: Framework Waste Directive 91/156/EEC
Waste Oil Directive 87/101/EEC

Statutory Instruments: The Health and Safety at Work, etc. Act 1994
Consumer Protection Act 1987
Environmental Protection Act 1990
Control of Substances Hazardous to Health Regulations 1994
Chemicals (Hazard Information and Packaging) Regulations 2

16. OTHER INFORMATION

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for other applications other than stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for a use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any precautions which should be taken.

Approved Codes of Practice: Waste Management. Duty of Care.

Guidance Notes: Occupational Skin Diseases: Health and Safety Precautions (EH 29)
Occupational exposure limits (EH 40)
The carcinogenicity of mineral oils (EH 58)
Skin cancer caused by oil [MS(B)5]
Save your skin! - Occupational Contact Dermatitis [MS(B)6]
Dermatitis - cautionary notice [SHW 367]
Effects of mineral oil on the skin [SHW 397]

The above publications are available from the HMSO and HSE sources.