



FOOD SAFE SYNTHETIC TRANSLUCENT GREASE FS EXTRA

Product Overview

FS Extra is a high performing food grade grease. Made with water resisting base oils and adhesion improvers for increased corrosion and wash off protection. Clear in colour FS Extra will not taint product or packaging. Synthetic base oils give exceptional temperature range and stability, combined with PTFE and a complex mix of antioxidant and EP packages, making FS Extra a versatile tool for use in many applications for many industries.

It is suitable for use in food, beverage, pharmaceutical and clean environments as it is INS H1 Registered

Typical Applications

- **UPVC Window/Door locks**
- **Trolley wheels**
- **Food packing machinery**
- **Bearings, Slides, Pivots and mechanisms in clean environments**
- **It is suitable for use in food, beverage, pharmaceutical and clean environments as it is INS H1 Registered**

Features and Benefits

- Resistant to salt water and high humidity environments.
- Is dielectric and can be used to protect electrical equipment from ingress of water.
- Lubricates bearings, chains and sliding surfaces including plastic bearings and runners.
- Has a wide operating temperature range
- Available in 400ml aerosol for easy application and storage.
- InS H1 Registered, made with FDA Approved ingredients

Directions for Storage and Use

Product is to be stored in a clean, dry, storage area in its original sealed packaging.

Shelf Life (unopened) – 3 years approx *

*Some bleeding may occur, thorough mixing will homogenise the mixture to its original state.

Product can be applied by brush, applicator or grease gun

Do not mix with other lubricants if compatibility is not known, for best results purge system of other lubricants. Apply to clean, dry parts only.

Not suitable for automatic lubrication systems, see FS Trojan

Disclaimer

The data sheet is based on personal knowledge and experience and is given as a guideline to its possible uses. It does not take into account variables or conditions out of our control that can affect our product in any way. It is the users' sole responsibility to ensure that the product is suitable for the purpose for which it is being used and this data does not in any way form a warranty. If you are unsure of its suitability please contact us and we will be happy to discuss your needs and supply a sample for testing if required. New Tech Lubes Ltd is committed to supplying the best products and may therefore change the information in this specification at any time.

Available Sizes
400ml Aerosol
100ml Lube Tube
500gm Pot
1Kg Pot
5kg Pail
12.5kg Pail
25kg Pail
180kg Drum

Available Grades
NLGI
000,00,0,1,2,3

Physical Characteristics	
Colour	Translucent/white
Dropping Point	Non-melting
Temperature range	-40 to 260°C wet condition (PTFE up to 340°C)
Water resistance	100% (hydrophobic base oil and thickener)
Lubricant solids	PTFE
Base Oil Viscosity @ 40°C	81.2
Base Oil Viscosity @ 100°C	22.7

Safety Data Sheets

Safety data sheets are available for download from our website, scan the QR code to take you to our website



www.newtechlubes.com

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FS EXTRA GREASE

SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1 Product Name:** FS Extra Grease
- 1.2 Identified uses:** Lubricant, General machinery, Indirect food contact.
- Use's advised against:** None known.
- 1.3 Details of supplier of SDS:** New Tech Lubes Ltd, Unit 3 Harrison Drive Ind Est, Worksop Notts, S81 9RL
- E Mail (competent person):** info@newtechlubes.com
- 1.4 Emergency Telephone:** +44 (0)1909 730900 (09.00 -17.00 GMT Monday to Friday)

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance /mixture:**
- 2.1.1 Regulation EC 1272/2008:** N/A
- 2.2 Label elements:** N/A
- Signal word(s):** N/A
- Hazard statements:** N/A
- Precautionary statements:** N/A
- 2.3 Other hazards**
- The mixture does not contain any vPvB or PBT substances.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Mixture:**
- Blend of oils with multifunctional additives
- 3.2 Additional information**
- N/A

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

Eyes:	Remove contact lenses. Rinse with water immediately for at least 10 minutes. Obtain medical attention if any discomfort continues.
Skin:	Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately
Ingestion:	If swallowed, drink plenty of water. Do not induce vomiting. Obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed.

N/A

4.3 Indication of any immediate medical attention and special treatment needed.

N/A

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:	Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.
Unsuitable extinguishing media:	Water stream

5.2 Special hazards arising from the substance or mixture

This product may give rise to hazardous fumes in a fire.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment as in Sect 8.

6.2 Environmental precautions.

Prevent from entering drainage systems or water courses.

6.3 Methods and material for containment and clearing

Transfer into suitable containers for recovery or disposal. Scrub area with detergent and water to prevent slippery residues.

6.4 Reference to other sections

For PPE and disposal see sections 8 and 13 respectively.

SECTION 7. HANDLING AND STORAGE:

7.1 Precautions for safe handling

Avoid direct contact.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated area.

7.3 Specific end use (s)

For general lubrication for equipment and machinery

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits:	N/A
Biological limit value:	Not established
PNECs, DNELs:	Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

8.2.2 Personal protective equipment:



Eye / face protection:	Safety goggles/glasses if there is a risk of eye contact.
Skin protection:	PVC gloves
Respiratory protection:	Not required under normal circumstances.
Thermal hazards:	Not applicable

8.2.3 Environmental exposure controls – See sections 6, 12, 13.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance/physical state:	Gel
Colour:	Translucent
Odour:	Faint
Flash Point	Exceeds 250°C
Density:	0.82 (measured as kg/litre)
Auto-ignition temperature:	Above 200°C
NGLI	Grade Specific (000,00,0,1,2)

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability

Stable under proper storage and handling conditions.

10.3 Possibility of chemical reactions

No dangerous reactions known.

10.4 Conditions to avoid

Heat, flame and other ignition sources.

10.5 Incompatible materials

Avoid contact with strong oxidising agents

10.6 Hazardous decomposition products

Combustion will generate: smoke, carbon dioxide and carbon monoxide

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Low order of acute toxicity.

11.1.2. Mixtures

Acute toxicity	}	No data available
Irritation		
Corrosivity		
Sensitisation		
Repeated dose toxicity		
Carcinogenicity		
Mutagenicity		
Toxicity for reproduction		

Other information

Low order of acute toxicity.

SECTION 12 ECOLOGICAL INFORMATION:

Mixture

12.1 Toxicity

12.2 Persistence and degradability

Only slightly biodegradable.

12.3 Bioaccumulative potential

Product is not expected to bio-accumulate.

12.4 Mobility in soil

12.4 results of PBT and vPvB assessment

12.6 Other adverse effects.

SECTION 13 DISPOSAL CONSIDERATIONS:

13.1 Waste Treatment Methods

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION:

14.1 UN number	Not Classified
14.2 UN proper shipping name	Not Classified
14.3 Transport hazard class	Non Classified
ADR Classification code	Non Classified
14.4 Packing group	None
14.5 Environmental hazards	Not applicable

SECTION 15. REGULATORY INFORMATION:

Hazard Symbols: No Significant Hazard
R Phrases : None
S Phrases: None

SECTION 16. OTHER INFORMATION:

Contains only FDA listed ingredients. InS H1 registered

Legend

LTEL	Long term exposure limit
STEL (SE)	Short term exposure limit (Single exposure)
STOT	Specific target organ toxicity
PNEC	Predicted no effect concentration
DNEL	Derived no effect level

Classification methods used to derive classification of mixture

Classification according to calculation procedure detailed in EC1272/2008

Additional information

This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.