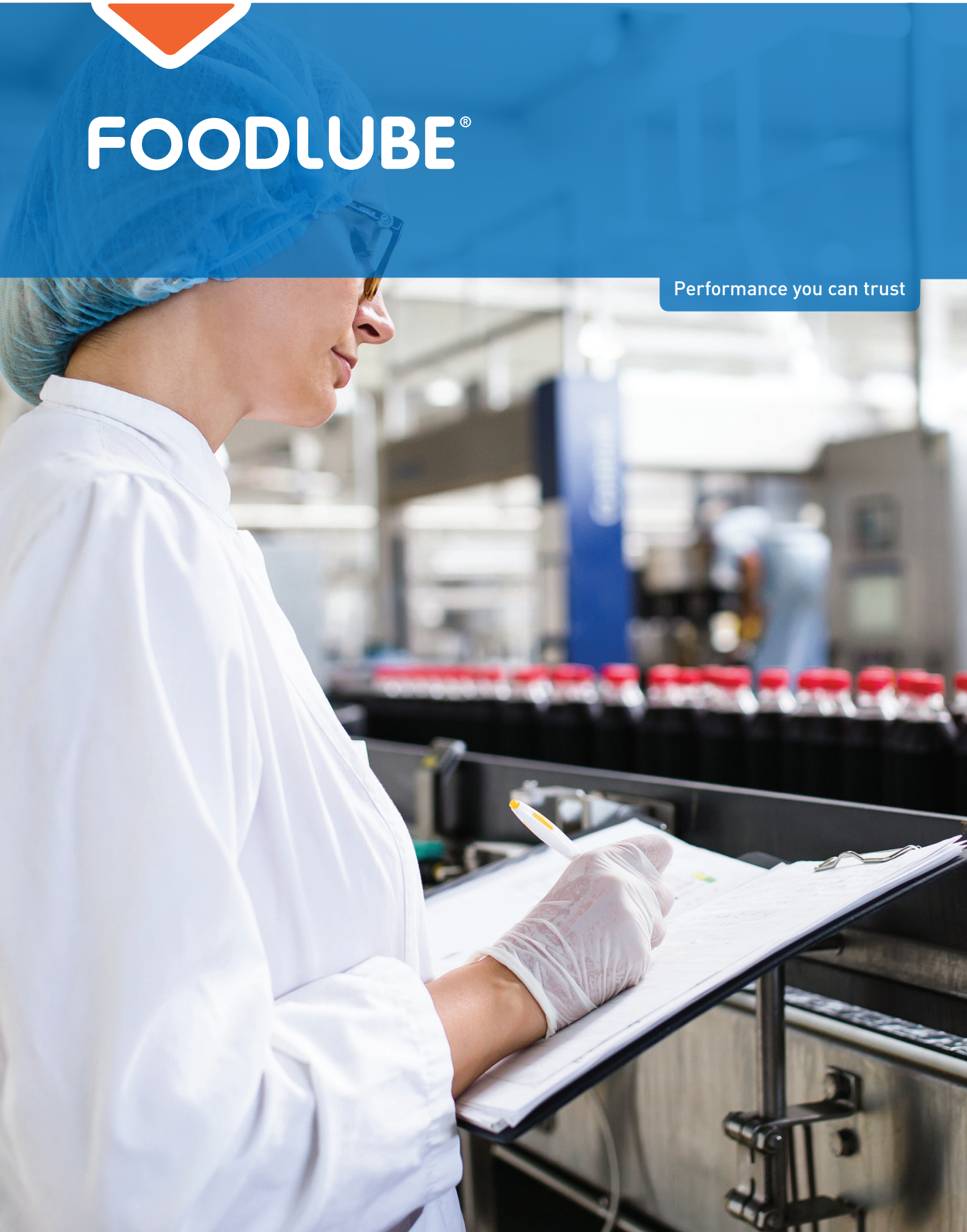
ENGLISH

ROCOL®

FOODLUBE®

Performance you can trust



From product concept, design and development through to technical expertise and customer services, ROCOL® supports your lubrication needs.

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Performance you can trust for the food industry

The sectors we serve

- Fruit and Vegetables
- Meat
- Fish
- Pharmaceutical
- Dairy
- Confectionery
- Bakery
- Drinks

Technically advanced lubricants developed by our chemists and engineers to meet customer needs.

Our food grade products:

- Reduce production downtime
- Avoid costly product recalls
- Support audit compliance

All FOODLUBE products are:

- NSF H1 registered for incidental food contact
- Manufactured from only FDA listed ingredients
- Free from mineral hydrocarbons, GMOs and nut oils and their derivatives

ROCOL meets stringent hygiene and sanitation standards and has various certifications, including:

ISO 21469 The international standard for the manufacture of food-grade lubricants.

Halal and Kosher Certification. All NSF H1 and 3H lubricants and NSF registered cleaners are Halal and Kosher certified.

NSF ISO 21469 Certified · HALAL CONTROL · Manchester Beth Din · DETEX Metal Detectable Plastic Components · In Partnership with BRC Global Standards

FOODLUBE® from ROCOL® is the lubrication solution of choice in the food industry

In addition to being NSF H1 Registered for food safety, FOODLUBE helps to improve cleanliness and efficiency while significantly reducing costs and downtime.

Over two decades spent working with leading food companies gives ROCOL the experience to offer the best advice on how to deliver these results through implementation of a lubrication management approach that is consistent with current food safety legislation and easily integrated into HACCP processes.

Today, for our customers, the FOODLUBE brand is synonymous with:

- Increased overall equipment efficiency
- Full audit compliance
- Training and support
- Peace of mind
- Food safety

ISO 21469

The globally recognised ISO 21469:2006 certification ticks an important box for auditors as it provides credible, independent assurance that all ROCOL products are formulated, manufactured and supplied hygienically and safely.

For any food and drink manufacturer using FOODLUBE lubricants, especially those reliant on leading retailers through long-term contracts, this provides a vital first step towards conforming with major supermarket, European Food Safety Inspection Service and British Retail Consortium audit requirements.

Products in the FOODLUBE range are already NSF-H1 registered, which specifies the requirements for the formulation of lubricants that may incidentally come into contact with products during manufacture.

ISO 21469:2006 builds on the product-specific NSF-H1 standard to represent another important layer of safety approval. It means that products are manufactured to stringent recipe and hygiene standards using good manufacturing practices, dedicated equipment and strict handling procedures. Each product is hygiene assured as it has been independently verified by an NSF inspector and tested in their laboratories. It is then deemed safe for incidental food contact and certified as being manufactured only from FDA listed ingredients which are free from animal derived materials, nut oils, soya, dairy and genetically modified ingredients.

ROCOL*care*®

NSF ISO 21469 Certified

CONCERNED ABOUT CONTAMINATION?

DETEX	ROCOL*care*®	NSF ISO 21469 Certified	
Metal Detectable Plastic components for aerosols	The right product at the right place at the right time	Food safe quality and manufacturing assurance system	Food Safe lubricants NSF H1-3H certified

PEACE OF MIND, QUALITY ASSURANCE, FULL AUDIT COMPLIANCE

ROCOL FOODLUBE®

DETEX®

DETEX metal detectable components for aerosols are designed to assist food processing plants in meeting strict HACCP requirements regarding the use of the ROCOL® NSF accredited products.

- **All blue, removable plastic components are metal detectable and capable of detection by most metal detection equipment and x-ray machines**
- ✔ *Reduce concerns of food product contamination and assist with HACCP requirements*
- **All blue, removable plastic components are GRAS listed (Generally Regarded As Safe – FDA 21 C.F.R Sections 177 and 178)**
- ✔ *Meets FDA requirements as acceptable material for use in food processing plants*

LUBE SHUTTLE

The only 'best practice', audit compliant, method of applying grease for the food industry

The most common method of applying grease to a bearing is through the use of a grease gun. This can cause serious non-conformances for audit purposes. The biggest non-conformance being that it is not possible to see what type of grease is loaded into the grease gun.

Features and benefits of the Lube Shuttle:

When placed into the Lube Shuttle grease gun, the Shuttle cartridge has a dedicated space to display important audit information. ROCOL has printed the product name, NSF category and registration number, and other audit specific information in this space.

Benefits of the Lube Shuttle system:

*It has easy to change cartridges - screw threaded. Quick and easy for operators to use.

*The quantity of grease remaining in the cartridge is visible at all times - no wasted time or product.

What is ROCOL*care*®?

ROCOL*care* is the premium survey package for the food, clean and associated industries that offers the following features and benefits:

Increased efficiency
Increases lubricant efficiency, improvements in plant productivity and reduction in costs.

Risk reduction
Establishes all your lubricant requirements and ensures contamination free lubrication.

Rationalisation
Rationalises your lubricant usage and reduces your stock holding on site.

Full audit compliance
ROCOL® is the UK's first ISO 21469:2006 certified lubricants manufacturer. ISO 21469 is a globally recognised hygiene certification that ticks an important box for auditors as it provides credible, independent assurance that all ROCOL products are formulated, manufactured and supplied hygienically and safely.

Training
Best practice lubrication training is available.

ROCOL*care* customers:

Enjoy peace of mind
Assurance that you and the lubrication experts are working together in partnership.

Achieve operational excellence
Efficiencies are increased through the ROCOL preventative and proactive approach to lubrication management.

Optimise and rationalise
Rationalises your lubricant usage and reduces your stock holding on site.

Have assurance of full traceability
All ROCOL products are developed, manufactured, passed through a stringent QC process and despatched from the ROCOL UK manufacturing site.

TPM Compatible

- ROCOL*care* is modular and can be integrated into your continuous improvement programme

"ROCOL*care*® is your complete lubrication solution. Our tailored program contains 5 modular elements to give you the best service according to your needs"

1. FOODLUBE® PRODUCTS

A comprehensive range of NSF H1 ISO 21469 certified products ensures audit compliance and gives full traceability.

2. SURVEY

A bespoke survey of your lubrication requirements matches every single application with the correct lubricant.

3. STORAGE SOLUTIONS

There are various options available that can be tailored to your site's needs. During the ROCOL*care* survey, your ROCOL® Sales Engineer will be able to make the necessary. recommendations. Options include a fully stainless steel oil storage unit for storing all your lubricants and the relevant documentation.

4.TRAINING

Certified training helps staff to understand the essential principles of lubrication and how to apply them.

5. TECHNICAL SUPPORT

On and off-site support from a team of chemists and professional engineers.

TPM NSF

Why choose FOODLUBE® bearing greases?

ROCOL® has a comprehensive range of food grade greases designed to deliver high performance in demanding conditions.

BEARING GREASES

The FOODLUBE range offers various greases designed for every application, from general purpose through to extremely adverse conditions.

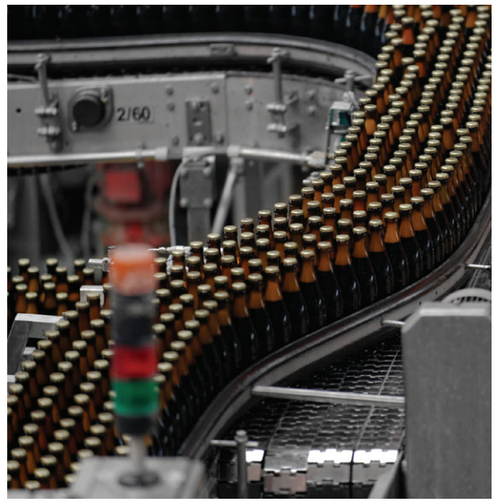
Specific conditions include: high temperature, low temperature, high load, high speed, high vibration, caustic conditions, wet conditions, etc.

A variety of grease thicknesses are available including; semi-fluid, standard and thick. FOODLUBE provides a solution in the right format for your application.

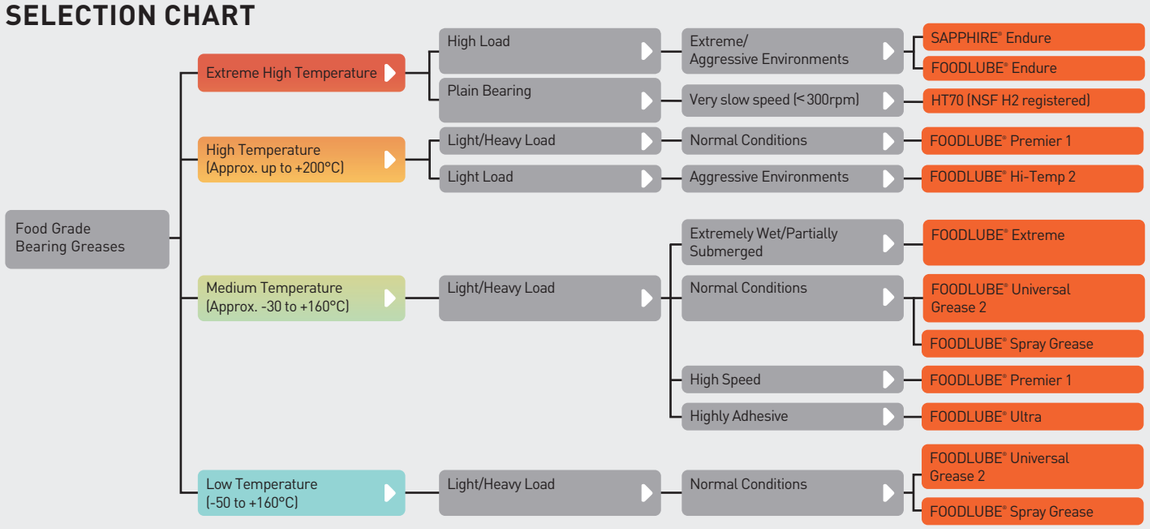
Also available: PUROL™ - Direct contact food grade (NSF H1/3H).

ISO 21469 certified multi-purpose grease for direct food contact as a food processing release agent.

FOODLUBE greases are available in various pack sizes including standard and Lube Shuttle grease cartridges.



SELECTION CHART



7 H1

FOODLUBE® UNIVERSAL GREASE 2

TEMP RANGE
-50°C to +160°C

High performance, multi-purpose, food grade grease for maximum bearing life.

A truly universal, extreme pressure grease, fortified with PTFE, designed for the enhanced lubrication of all types of ball, roller and plain bearings.

- Superior load and wear properties - significantly extends bearing life
- Highly resistant to water washout - excellent corrosion protection
- Also available as an aerosol

Description	Part code	Size
NLGI 2	15231	380g
	15236	4kg
	15234	18kg

42 H1

FOODLUBE® PREMIER 1

TEMP RANGE
-30°C to +180°C

Food grade grease for bearings operating at high speeds and temperatures.

A high performance EP grease, fortified with PTFE, designed for enhanced lubrication, particularly high speed and high temperature applications.

- For electric motors and fan and conveyor bearings
- High load and wear properties - significantly extends bearing life
- Highly resistant to water washout - excellent corrosion protection

Description	Part code	Size
NLGI 1	15291	380g
	15281	380g (Shuttle Cartridge)
	15294	18kg

37 H1

FOODLUBE® ULTRA

TEMP RANGE
-15°C to +160°C

A highly adhesive food grade grease for plain bearings and sliding surfaces.

Adhesive, multipurpose extreme pressure grease. Designed for the effective lubrication of slides, cams, gears and plain bearings.

- Extremely durable long life grease film
- Does not drip or fling off
- Highly resistant to water wash off - excellent corrosion protection
- High load and wear properties - significantly extends bearing life

Description	Part code	Size
NLGI 2/3	15811	380g
	15814	18kg

31 H1

FOODLUBE® SPRAY GREASE

TEMP RANGE
-50°C to +160°C

Food grade, multi-purpose, extreme pressure grease fortified with PTFE in aerosol.

FOODLUBE Spray Grease is FOODLUBE Universal Grease 2 in an aerosol can for convenient application. It is a white, non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings, slides, pins, linkages and bushes operating in food, pharmaceutical and other clean environments.

- Highly resistant to water wash-off - offers excellent corrosion protection
- Excellent oxidation stability resulting in extended relubrication intervals and a reduction in lubricant usage
- Fortified with PTFE for improved lubricity and performance

Part code	Size
15030	400ml

Bearing Greases

High Temperature

TPM NSF

Adverse conditions (high temp/wet/caustic)

Our FOODLUBE® range provides products with enhanced performance in adverse conditions such as high temperatures and wet or caustic environments. Our products take the stress of these types of applications so you don't have to.

Automatic lubrication systems

Automatic lubrication systems/applications have specific needs. These greases have characteristics which provide superior performance in automatic systems of all types giving you peace of mind that the grease will arrive where it needs to be and do the job it needs to do.

BEARING GREASES

15 H1

FOODLUBE® HI-TEMP 2

TEMP RANGE
-20°C to +200°C

High temperature food grade grease.

A silicone grease fortified with PTFE, suitable for high temperature applications. Designed for the lubrication of all types of slower bearings and sliding surfaces.

- Good anti-wear properties - extends bearing life
- Highly resistant to water wash off - excellent corrosion protection
- Ideal for rubbers and plastics
- Opaque appearance
- Good chemical resistance

Description	Part code	Size
NLGI 2	15251	380g
	15256	4kg
	15254	18kg

56 H1

SAPPHIRE® ENDURE

TEMP RANGE
-25°C to +280°C

Premium extreme temperature and chemical resistant grease.

Extreme performance perfluorinated polyether EP grease fortified with PTFE. Designed to operate where conventional greases fail due to chemical contamination or attack.

- Extreme chemical and solvent resistance - resists caustic wash down
- Greatly extends lubrication intervals - reduced lubricant usage
- Excellent load carrying and anti-wear properties - significantly extends bearing life
- Extremely stable at high temperatures

Description	Part code	Size	Description	Part code	Size
NLGI 2	12330	100g	NLGI 2	12334	1kg
	12331	700g		12336	5kg
				12337	18kg

BEARING GREASES - WET CONDITIONS

34 H1

FOODLUBE® EXTREME

TEMP RANGE
-20°C to +150°C

Food grade grease for extremely wet applications.

A highly tenacious extreme pressure bearing grease with superior performance in wet conditions, for the lubrication of all types of ball, roller and plain bearings.

- Superior water resistance - excellent corrosion protection
- High load and wear properties - significantly extends bearing life
- Resists water wash out

Description	Part code	Size
NLGI 2	15241	380g
	15282	380g (Shuttle Cartridge)
	15246	4kg
	15244	18kg

38 H2

HT70

TEMP RANGE
+180°C to + 300°C

Extremely high temperature bearing grease for slow speeds.

- Ideal for rotary rack oven bottom bearings
- Designed for slow speed applications typically 300rpm
- Extremely slow evaporation at elevated temperatures
- Minimal deposit formation against conventional lubricants
- Molybdenum disulphide provides emergency lubrication
- NSF H2 Registered

Part code	Size
12106	4kg

59 H1

FOODLUBE® AUTO SF

TEMP RANGE
-20°C to +160°C

High performance, food grade, semi-fluid grease.

Designed specifically for automatic lubrication systems, where long pipe runs and small bore piping cause blockage or delivery issues. Formulated to deliver all of the benefits expected from ROCOL long life greases with the added benefit of pump-ability.

- Excellent stability - extended relubrication intervals and a reduction in lubricant usage
- Highly resistant to water wash off - excellent corrosion protection
- Gives good visibility in translucent pipework to allow easy checking that the system is dispensing

Part code	Size
15912	4kg
15913	18kg

60 H1

FOODLUBE® AUTOLUBE COMPLETE AND REFILL

GREASE TEMP RANGE
-50°C to +160°C

AUTOLUBE DISPENSER TEMP RANGE
-10°C - +60°C

Food grade, electromechanical grease dispenser for trouble free lubrication.

Electromechanical, fully automatic lubrication system containing FOODLUBE Premier 1. Delivers exact quantities of grease, over varied time periods, to all types of ball, roller and plain bearings.

- Variable from 1 – 12 monthly increments
- Easy to install and maintenance free
- Ideal for non-accessible areas
- Temperature compensator unit built in
- LED lights to show when in operation/when empty

Part code	Size
15220 (refill only - batteries included)	120ml
15224 (complete unit)	120ml

66 H1

FOODLUBE® HI-LOAD SF

TEMP RANGE
-20°C to +160°C

An EP semi-fluid grease for use in automatic lubrication systems and grease filled gearboxes where NSF H1 is required.

A semi-fluid grease for use in automatic lubrication systems feeding highly loaded bearings. Also, very effective when used as a gearbox grease.

- Specifically designed for use on highly loaded bearings fed by small bore pipe work in automatic lubrication systems
- Good load carrying capability – 355kg Weld Load
- Excellent stability – extended relubrication intervals and a reduction in lubricant usage

Part code	Size
15966	4kg
15964	18kg

61 H1

FOODLUBE® UNILUBE

GREASE TEMP RANGE
-30°C to +180°C

UNILUBE TEMP RANGE
-20°C to +55°C

Food grade, multipurpose, extreme pressure (EP) grease with PTFE in an automatic lubricator.

A fully automatic gas activated lubricant dispenser filled with FOODLUBE Premier 1 grease. Provides consistent and constant lubrication of all types of ball, roller and plain bearings.

- 120ml capacity
- Compact design enabling application in hard to reach places
- Transparent housing making it easier to monitor lubricant levels
- Variable from 1 – 12 monthly increments
- Easy to install and maintenance free

Part code	Size
13010	125ml

Chain Lubricants

Food Grade

Chain lubricants

Our comprehensive range of products is designed to lubricate and protect chains operating in the food and clean industries. Whatever the type of drive or conveyor chain in use, we can provide a lubricant to ensure trouble free operation - cutting expensive downtime and increasing productivity.

All our FOODLUBE® chain lubricants are NSF H1 registered and ISO 21469 certified - unless otherwise stated.

Specialist chain oils

Building on our success in general chain applications, we are able to provide enhanced solutions for chains operating in more specialist applications, such as: overhead chains.

CHAIN LUBRICANTS

10 H1

FOODLUBE® CHAIN

TEMP RANGE
–20°C to +150°C

Tenacious, food grade lubricant for extended chain life.

Versatile, high performance, chain lubricant suitable for all types of drive and conveyor chains.

- Lubricant penetrates into links and pins - maximum protection
- Tenacious low drip formulation - reduces the risk of production line contamination
- Protects against corrosion
- Good load carrying capacity - extends chain life
- Good resistance to water wash off - protects throughout clean downs

Part code	Size
15506	5l
15505	20l

16 H1

FOODLUBE® CHAIN SPRAY

TEMP RANGE
-20°C to +150°C

Tenacious, food grade spray lubricant for extended chain life.

Convenient aerosol chain lubricant. Ideal for lubrication of all types of drive and conveyor chains.

- Outstanding penetration into links and pins - maximum protection
- Highly resistant to water wash off - protects throughout clean downs
- Good water displacing properties
- Tenacious low drip formulation - reduces the risk of production line contamination
- Good load carrying capacity - protects critical parts of the chain

Part code	Size
15610	400ml

62 H1

FOODLUBE® CHAIN FLUID UNILUBE

OIL TEMP RANGE
–20°C to +150°C
AUTOLUBE DISPENSER TEMP RANGE
–20°C to 60°C

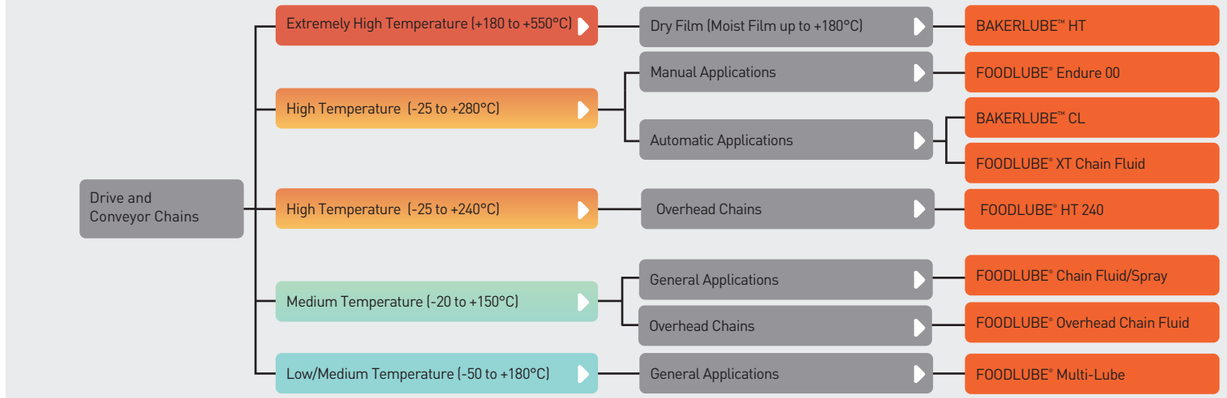
Food grade, multipurpose, chain and conveyor lubricant in an automatic lubricator.

Specifically formulated to reduce contamination issues on all drive and conveyor chains - particularly for the meat processing industry.

- Lubricant penetrates into links and pins - maximum protection
- Tenacious low drip formulation - reduces the risk of production line contamination
- Protects against corrosion
- Good load carrying capacity - extends chain life
- Good resistance to water wash off - protects throughout clean downs

Part code	Size
13011	125ml

SELECTION CHART



25 H1

FOODLUBE® OVERHEAD CHAIN FLUID

TEMP RANGE
–20°C to +150°C

Highly adhesive, food grade lubricant for overhead chains.

Specifically formulated to reduce contamination issues on all drive and conveyor chains - particularly for the meat processing industry.

- Tenacious low drip formulation - reduces the risk of production line contamination
- Excellent corrosion protection
- Good water wash off resistance - protects throughout clean downs

Part code	Size
15785	20l

54 H1

FOODLUBE® HT 240

TEMP RANGE
up to +240°C

Long lasting, high temperature, food grade chain lubricant.

Non-toxic, water resistant lubricant designed primarily for the effective lubrication of various high temperature chains and conveyors in food, pharmaceutical and other clean environments.

- Good penetration and load carrying properties ensuring that the product lubricates and protects inside rollers, links, pins etc.
- Highly adhesive providing excellent water wash-off resistance and corrosion protection
- Extremely low evaporation rate resulting in a long wet life at high temperatures for maximum lubricant economy

Part code	Size
16765	20l
16769	200l

Oven chain lubricants

Our oven chain lubricants provide the best solution for that critical operation in your production process. These chain lubricants will make chains last longer with much less unplanned maintenance - keeping your costs low and your mind at rest.

CHAIN LUBRICANTS

PUROL™ 3H lubricants

All PUROL products are ISO 21469 certified and...
- NSF-3H registered: Release agent for direct contact with food
- NSF-H1 registered: Safe for incidental contact with food

57 H1

FOODLUBE® XT CHAIN FLUID

TEMP RANGE
-0°C to +280°C

Formulated from a combination of synthetic esters and a special antioxidant package.

Ensures the highest performance in terms of thermal stability, low evaporation loss and minimal deposit formation

Part code	Size
15800	20l
15801	200l

- Excellent penetration properties
- Low evaporation rates – low fuming and longer wet film life
- Low deposit and varnish formation
- Excellent anti wear properties

45 H2

BAKERLUBE™ HT

TEMP RANGE WET FILM
-10°C to +180°C
TEMP RANGE DRY FILM
up to +550°C

High temperature, graphited, synthetic lubricant for bakery oven chains.

Extreme high temperature graphited chain lubricant for bakery oven chains.

Part code	Size
15705	20l

- High load carrying performance
- Clean evaporating base oil
- For temperatures where conventional fluids fail
- Does not contain solvents
- NSF H2 Registered

44 H2

BAKERLUBE® CL

TEMP RANGE
-0°C to +280°C

High temperature, synthetic lubricant for bakery oven chains.

High temperature, long life, extreme pressure chain and conveyor lubricant.

Part code	Size
15605	20l

- Outstanding resistance to oxidation
- Solvent free formulation
- Excellent penetration
- Clean, residue free film
- Suitable for automatic lubricators
- NSF H2 Registered

52 H1 3H

PUROL™ GREASE

TEMP RANGE
-10°C to +110°C

Multi-purpose grease and food processing release agent for direct food contact.

- Does not contain animal derived materials, nut oils or genetically modified ingredients
- Reduces equipment down-time
- Increases re-lubrication intervals - reduced lubricant spend
- Exhibits excellent EP performance with a 4-ball weld load of 355 kg
- For use as a direct food contact release agent as well as a lubricant for seals

Part code	Size
15611	370g
15616	4kg
15614	18kg

51 H1 3H

PUROL™ FLUID

TEMP RANGE
-10°C to +110°C

Multi-purpose oil and food processing release agent for direct food contact.

A clear, non-toxic lubricant designed for the effective lubrication and protection of seals, guides, bearings and blades particularly those operating in food, pharmaceutical and other clean environments where direct food contact is inevitable.

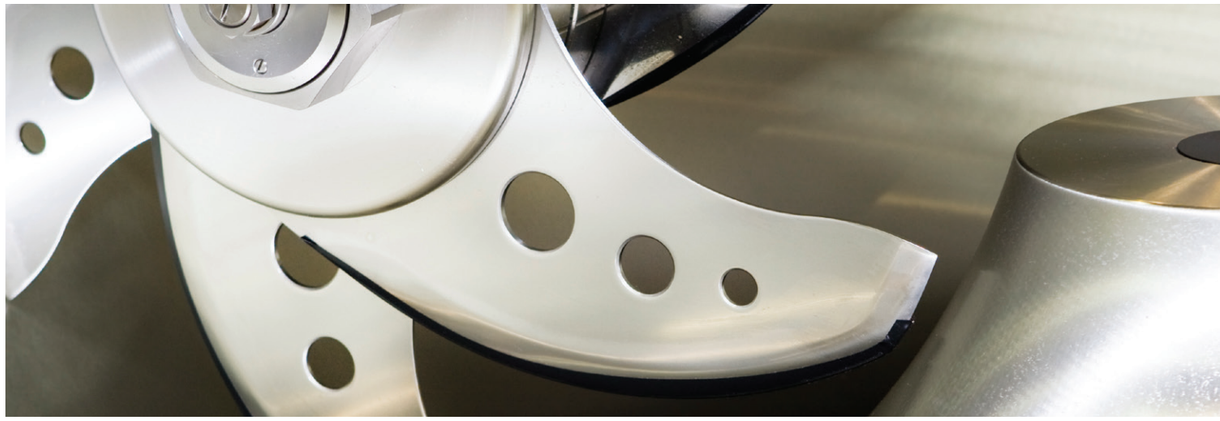
- Less risk of contamination
- Good oxidation stability results in extended lubrication intervals - reduced lubricant spend
- Suitable for protecting knives and surfaces from corrosion

Part code	Size
15617	500ml
15619	20L

PUROL™ SPRAY GREASE
ALSO AVAILABLE

53 H1 3H

Part code	Size
15631	400ml



Gear Oils
Food Grade

Hydraulic, Compressor and Vacuum Pump Oils
Food Grade

TPM NSF

ROCOL® manufacture a comprehensive range of gear, compressor and hydraulic oils which are designed to provide extended service life, thereby reducing maintenance time and costs.

All NSF H1 Registered and ISO 21469 Certified

FOOD GRADE GEAR OILS

All NSF H1 Registered and ISO 21469 Certified

FOOD GRADE COMPRESSOR & HYDRAULIC OILS

SELECTION CHART

If you require help in selecting a product, contact ROCOL direct: **+44 (0) 113 232 2600**

FOODLUBE® HI-TORQUE

TEMP RANGE
-20°C to +150°C

Food grade gear oil with start up protection system.

High performance fully synthetic gear oils incorporating start up protection system (SUPS) and anti wear additives to provide maximum lubrication and protection in all types of gearboxes.

- SUPS – a unique protection for gear teeth on start up and in use
- Outstanding load carrying performance: FZG load stage 12
- Excellent anti-wear performance - no need for additional additive treatments

For more information on SUPS,
please visit our website and watch the video:
www.rocol.com/knowledge-centre/video/gear-oils-with-start-up-protection-system-sups

Description	Part code	Size
Hi-Torque 150 (28 H1)	15426	5l
	15425	20l
	15429	200l
Hi-Torque 220 (8 H1)	15526	5l
	15525	20l
	15529	200l
Hi-Torque 320 (13 H1)	15766	5l
	15765	20l
	15769	200l
Hi-Torque 460 (27 H1)	15775	20l
	15779	200l

FOODLUBE® HI-POWER FLUIDS

High performance, food grade oils for compressor, hydraulics and airline systems.

High performance, fully synthetic oils incorporating an optimum blend of high performance additives. Suitable for use in hydraulics, air compressors and airline systems.

- Enhanced oxidation stability
- Extremely low sludge build up
- Minimal foaming
- Unique L-CO system, reduces carry over

Description	Part code	Size
Hi-Power 22 (5 H1)	15796	5l
	15795	20l
	15799	200l
Hi-Power 32 (6 H1)	15896	5l
	15895	20l
	15899	200l
Hi-Power 46 (18 H1)	15996	5l
	15995	20l
	15999	200l
Hi-Power 68 (3 H1)	16006	5l
	16005	20l
	16009	200l
Hi-Power 100 (17 H1)	15946	5l
	15945	20l
	15949	200l

(35 H1)

VAC PUMP OIL

TEMP RANGE
-5°C to +130°C

Food grade lubricant for extended vacuum pump life.

High performance lubricating fluid for use in vac pumps.

- Suitable for high load and high pressure conditions
- Clean and low odour
- Low deposit formation
- Prevents corrosion from moisture ingress
- Ideal for use as a gear box flushing oil

Part code	Size
16806	5l
16805	20l

(40 H1)

RAPID DEMULSE 220

TEMP RANGE
-5°C to +130°C

High performance, food grade oil which rapidly separates from water and prolongs service life.

High performance oil formulated to maximise lubricant and machine lifetime of water cooled homogenisers and similar systems.

- Rapid water demulsification under conditions of high load and elevated temperature
- Allows quick water drainage for reduced downtime
- Good wear protection properties
- Clean, low odour product

Part code	Size
15965	20l

ROCOL® food grade corrosion preventatives protect metal components, extending working life and reducing the need for rework and repair.

FOOD GRADE CORROSION PROTECTION

A comprehensive range of products designed to meet the essential cleaning requirements of all maintenance jobs.

FOOD GRADE CLEANERS

SELECTION CHART

Corrosion Protection — Removable Film — Waxy Film — FOODLUBE® Protect Spray

If you require help in selecting a product, contact ROCOL direct: **+44 (0) 113 232 2600**

33 H1

FOODLUBE® PROTECT SPRAY

TEMP RANGE
-40 to +110°C

High performance, food grade, long-term corrosion protection.

Effective heavy duty, waxy film for long term corrosion protection for all metal parts.

- Excellent corrosion protection outdoors for up to 2 years
- Clean, white visible film
- Resilient to aggressive cleaning
- Water displacing for immediate corrosion protection
- Fortified with PTFE - acts as a dry film lubricant

Part code	Size
15020	300ml

SELECTION CHART

Food Grade Cleaners
- Label Remover → Heavy Duty/Citrus Based → REMOVER & DEGREASER Spray
- Electrical/Electronic → Rapid Evaporation /Leaves no Residue → ELECTRA CLEAN Spray
- General Purpose → Residue Free → INDUSTRIAL CLEANER Rapid Dry Spray
- General Purpose → Solvent Free → FOAM CLEANER Spray
- General Purpose → Heavy Duty/Citrus Based → REMOVER & DEGREASER Spray

If you require help in selecting a product, contact ROCOL direct: **+44 (0) 113 232 2600**

55 A7

STAINLESS STEEL CLEANER SPRAY

TEMP RANGE
-20°C to +150°C

Metal surface cleaner spray.

Removes greases, oils and general grime from metal surfaces and is particularly effective on stainless steel.

- Leaves a clean, smear free, polished surface
- Can be used in and around food processing areas
- NSF nonfood compounds program listed: category code A7

Part code	Size
34161	400ml

46 K1

INDUSTRIAL CLEANER RAPID DRY SPRAY

Food grade, solvent based multi-purpose cleaner.

Fast drying, powerful solvent cleaner - evaporates quickly leaving no residue.

- A specially formulated blend of degreasing solvents
- Designed to remove grease, oil and workshop grime from all surfaces
- Safe on metal, most plastics and paints
- NSF K1 Registered

Part code	Size
34131	300ml

49 C1

REMOVER & DEGREASER SPRAY

Heavy duty, multi-purpose citrus based cleaner and label remover.

- Pleasant characteristic odour
- Powerful and fast acting - removes labels quickly
- Safe on metal, most plastics and painted surfaces
- NSF C1 Registered

Part code	Size
34151	300ml

22 A1

FOAM CLEANER SPRAY

Powerful, solvent free, fast acting food safe foaming cleaner.

Cuts through grease, dirt and grime.

- Active foaming - expands to cover large area
- Ideal for non-porous surfaces
- Safe for use on most plastics rubbers and painted surfaces
- Water based - free from solvents
- NSF A1 Registered

Part code	Size
34141	400ml

36 K2

ELECTRA CLEAN SPRAY

Food grade, residue free, high performance electrical cleaner.

A powerful, ultra fast drying cleaner designed for use on electrical equipment and components such as switches and switchgear.

- Rapid evaporation to leave no residue
- Designed for effective degreasing and cleaning
- Removes light to medium grease and oil contamination
- Compatible with most plastics
- NSF K2 Registered

Part code	Size
34066	300ml

Multi-Purpose Maintenance Products

Food Grade

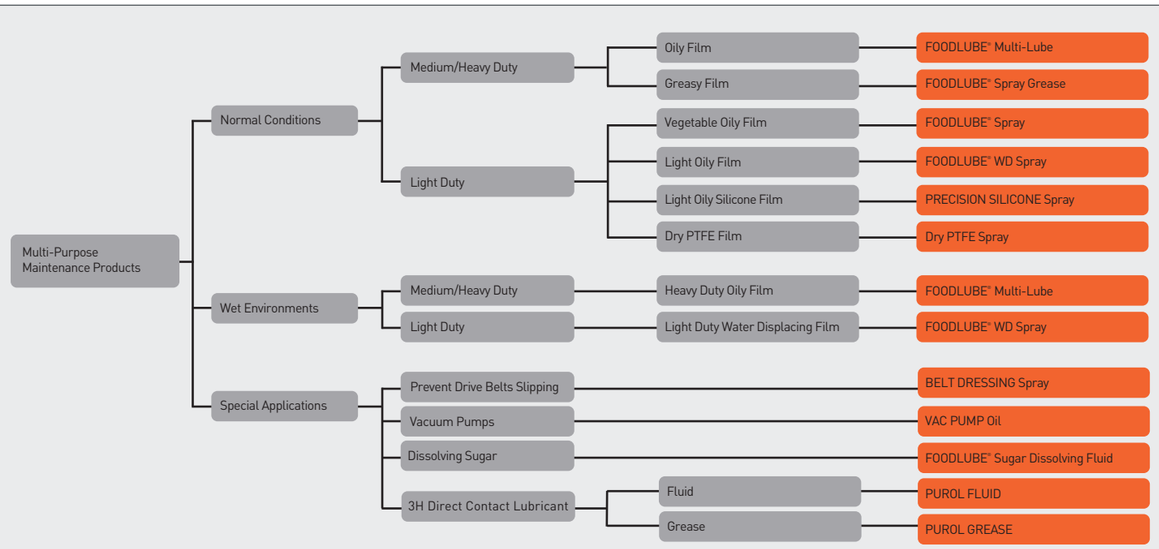
TPM NSF

The ROCOL® range of general purpose food grade maintenance products are designed to be an easy to use and cost effective part of any maintenance program in the food, clean and pharmaceutical industries.

All FOODLUBE® maintenance products are NSF H1 registered and ISO 21469 certified - unless otherwise stated.

MULTI-PURPOSE MAINTENANCE PRODUCTS

SELECTION CHART



If you require help in selecting a product, contact ROCOL direct: **+44 (0) 113 232 2600**

31 H1 FOODLUBE® SPRAY GREASE

TEMP RANGE
-50°C to +160°C

High performance, multi-purpose, food grade grease.

Multi-purpose extreme pressure spray grease, fortified with PTFE, designed for the enhanced lubrication of all types of slides, bushes, pins and bearings.

- Superior load and wear properties - Significantly extends bearing life
- Highly resistant to water washout - Excellent corrosion protection

Part code	Size
15030	400ml

4 H1 DRY PTFE SPRAY

TEMP RANGE
-200°C to +270°C

Food grade, premium performance, invisible dry film lubricant.

Low friction, non-stick, PTFE lubricant for the dry lubrication of cams, slides, open bearings, chutes and shears.

- Non staining, friction reducing film
- High percentage PTFE content - reduced waste due to significantly higher levels of active ingredient
- For use where wet film cannot be tolerated

Part code	Size
34235	400ml

1 H1 PRECISION SILICONE SPRAY

TEMP RANGE
-50°C to +200°C

Food grade, high performance, silicone aerosol.

A high performance, colourless non-stick lubricating film with wide temperature stability for use on slides, chutes, bearings and conveyors.

- Long lasting formulation - reduced waste due to significantly higher levels of active ingredient
- Resists oxidation and corrosion
- Non-toxic, clean and colourless

Part code	Size
34035	400ml

20 H1 FOODLUBE® MULTI-LUBE FLUID

TEMP RANGE
-50°C to +180°C

A fully synthetic, multi-purpose lubricant, fortified with PTFE for effective lubrication particularly on chains, bearings and slides.

- Clean, non-toxic, thin film aids fast penetration for effective lubrication
- Good load carrying properties - protects components for longer
- Excellent corrosion protection
- Available as bulk or convenient trigger pack

Part code	Size
15120	500ml
15126	5l

12 H1 FOODLUBE® SPRAY

TEMP RANGE
-20°C to +110°C

High performance versatile lubricant spray for all-round light lubrication of small bearings, pins, bushes and slides.

- Long lasting protective film
- Good corrosion protection
- Suitable for use as a food-grade drilling, tapping and cutting lubricant particularly when maintenance has to be carried out in the process area

Part code	Size
15710	300ml

32 H1 FOODLUBE® WD SPRAY

TEMP RANGE
-20°C to +110°C

Food grade water displacing and lubricating spray fortified with PTFE.

- Silicone free formulation
- Excellent anti-wear and lubricating properties - extending component life
- Superior penetrating and cleaning performance - clean and lubricate in one application
- Outstanding corrosion protection

Part code	Size
15010	300ml

29 H1 BELT DRESSING SPRAY

TEMP RANGE
-50°C to +100°C

Food grade spray to eliminate belt slip and maximise belt life.

Conditions and lubricates all types of drive and conveyor belts.

- Adheres strongly to any belt material
- Gives instant grip, prevents glazing and reduces slippage
- Conditions belts to prevent cracking and breakage
- Resists build up of grease and dirt
- Non-toxic and colourless

Part code	Size
34295	300ml

21 H1 FOODLUBE® SUGAR DISSOLVING FLUID

TEMP RANGE
+5°C to +95°C

Food grade spray to dissolve and remove sugars and fondants from all surfaces.

Rapidly dissolves all sugars and fondants from all surfaces leaving a light lubricating, protective film.

- Rapid penetrating action
- Protects against corrosion
- Available in bulk and easy to apply trigger spray

Part code	Size
15110	500ml
15116	5l

Anti-Seize and Assembly Products

Food Grade

TPM NSF

A range of premium, food grade, quality products which protect fasteners against heat and corrosive attack, and ease future dismantling thereby reducing downtime and costs.

All FOODLUBE® anti-seize products are NSF H1 registered and ISO 21469 certified - unless otherwise stated.

ANTI-SEIZE & ASSEMBLY

64 H1

FOODLUBE® ANTI-SEIZE

TEMP RANGE
-30°C to +450°C

FOODLUBE Anti-Seize is an advanced next-generation anti-seize grease designed specifically for the challenges of the food processing industry.

Part code	Size
15744	85g

Optimized for use on stainless steels, such as those commonly found in food, pharmaceutical and other clean environments. Promotes controlled assembly, and reduced galling and seizure on disassembly even in wet, dirty and corrosive conditions.

- Optimised for preventing pick up and seizure of stainless steel fasteners, particularly at elevated temperatures
- Extremely tenacious – resists water wash off
- Suitable for use with aluminium and its alloys
- Only requires a thin film for maximum performance - economical in use
- Exceptionally clean compared to copper based anti-seize

2 H1

FOODLUBE® MULTI-PASTE

TEMP RANGE
-30°C to +450°C

Food grade, multi-purpose and lubricating paste.

Part code	Size
15750	85g
15753	500g
15756	5kg

A superior performance, white paste developed for protecting fasteners and lubricating bushes, slides and small open gears.

- Ideally suited for use on a large range of surface including stainless steel
- Long life, up to six times more than the competition
- For high temperature applications
- Prevents galling and pick-up on assembly
- Extremely tenacious – resists water wash out

26 H1

FOODLUBE® MULTI-PASTE SPRAY

TEMP RANGE
-30°C to +450°C

Food grade, multi-purpose anti-seize and lubricating spray.

Part code	Size
15751	400ml

A superior performance, white anti-seize and assembly paste developed for protecting fasteners and lubricating bushes, slides and small open gears in a convenient aerosol.

- Ideally suited for use on a large range of surface including stainless steel
- Long life, up to six times more than the competition
- Exceptionally clean compared to copper based anti-seize
- Prevents galling and pick-up on assembly
- Extremely tenacious – resists water wash out

23 H1

FOODLUBE® DISMANTLING SPRAY

TEMP RANGE
-20°C to +110°C

Highly penetrating food grade release spray.

Part code	Size
15720	300ml

A fast acting penetrating spray for the fast and effective release of corroded and seized components.

- Highly efficient penetration
- Short term corrosion protection for released parts
- Non-toxic

MULTI-PURPOSE MAINTENANCE PRODUCTS

ROCOL® is synonymous with quality and that reputation comes from developing technically advanced products for demanding industry applications.

We develop products that display significant advantages over the competition, advantages that add true value to our customers.

58 H1

FOODLUBE® SEAMER FLUID 150

TEMP RANGE
-20°C to +150°C

High performance, ISO VG 150, food grade fluid for can seamers.

Part code	Size
16029	200l

FOODLUBE Seamer Fluid 150 is designed specifically for the lubrication of can seamers operating with either total loss or recirculating lubrication systems.

- Offers excellent wide temperature resistance of -20°C to +150°C.
- Has outstanding EP performance
- Provides a tenacious, EP film with excellent water wash-off resistance and corrosion protection
- Has excellent stability resulting in extended relubrication intervals and a reduction in lubricant usage

We formulate and test our products in-house but, also carry out independent testing which means that you can be sure that you are using the best product for the job.

To guarantee we achieve this, ROCOL's team of chemists and engineers develops all products in accordance with the ISO 9001 system and is certified to internationally recognised standards.

Our products exist to serve you. By working within our AS 9100:2016 and ISO 9001:2015 accredited quality management systems, we ensure that we continue to deliver products that exceed our customer expectations. From product concept and design through to technical expertise and customer services, all the functions at ROCOL are carefully controlled, meaning you consistently get what you need.

Each batch of every product we manufacture is tested by the experienced personnel in our quality control laboratory and released for use only when we are confident that it meets the high standards of quality and superior performance associated with all ROCOL products: performance you can trust.

- Technically advanced products for demanding industry applications
- Products formulated and tested in-house as well as to industry standards
- All products developed in accordance with ISO 9100:2016 and ISO 9001:2015 accredited Quality Management System
- Each product tested in our quality control laboratory – only released when ready for use in your applications

NSF CATEGORY DEFINITION

APPLICATION REQUIREMENTS
An original equipment manufacturer (OEM) of handling and processing equipment supplied in to the food and pharmaceutical industry.

CUSTOMER
Leading pharmaceutical OEM.

3H: Used for release agents.

H1: Used for lubricants which can be used in and around food processing areas where incidental food contact can be tolerated.

H2: Used for lubricants which can be used in a food processing area, provided there can be no food contact.

HT1: Used for heat transfer oils with incidental food contact.

K1: Used for cleaning and/or degreasing solvents. This category is NOT suitable for use in processing areas.

K2: Used for solvents for cleaning electronic instruments and devices.

K3: Used for adhesives or glue removers.

A1: Used for general cleaning compounds.

A7: Used for metal polishes on non-food contact surfaces.

C1: Used for general products for use in inedible product processing, non-processing areas and/or exterior areas of food processing establishments.

APPLICATION DETAILS AND BACKGROUND

An original equipment manufacturer (OEM) of handling and processing equipment supplied in to the food and pharmaceutical industry. Part of the equipment is a high-speed gearbox as can be seen in the photos.

This particular gearbox was experiencing premature failure. ROCOL were brought in to investigate why. Analysis carried out showed that the operating temperature was high, the noise was excessive, and the grease was not staying on the gear teeth. These three factors meant that excessive wear was being generated on the gear teeth.

ROCOL had been developing a new semi-fluid grease and decided that this was a perfect opportunity to trial the product in a real-world application. A controlled trial was set up and ran for a total duration of 50 hours.

BENEFITS

The gearbox running temperature was reduced by 15°C – a considerable reduction.

Which means: Much less wear is generated, and the gearbox will run more efficiently and effectively saving time and money in gearbox refits/ replacements. The gearbox also ran a lot quieter, the noise was reduced by 15db.

Which means: The impact on noise pollution will be a significant health and safety improvement. Especially when multiplied across all gearboxes used in the facility.

"The gearbox trial ran for 50 hours with FOODLUBE Hi-Load SF and we didn't notice any changes in the temperature or noise which is a real positive. We have had quite a lot of gearbox failures in the past where the gears have mashed together, and the bearings destroyed and now using FOODLUBE Hi-Load SF we feel that with the moving parts will constantly be lubricated dramatically reducing the risk of failure."

Quality Engineer

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