

JAX - NSF food-grade lubricants

**JAX offers more than 200 products for
the food industry !**

The company JAX Inc. in the United States has produced high-performance industrial lubricants since 1955. Its speciality products include lubricants for the food industry

In July 1962, the world's first lubricant approved by the USDA for incidental food contact was JAX MAGNA-PLATE 8 grease

Contact :
Tél. 02 35 95 45 54
contact@hafa.fr
www.hafa.fr

Adresse :
HAFA France
CS 90074
76192 YVETOT CEDEX

The benefits of JAX lubricants



Optimise

Using JAX lubricants optimises your production equipment's maintenance and performance



A comprehensive offer

A comprehensive range that is NSF H1 certified for incidental food contact. A single supplier for your lubricants.



Performance

Similar lubrication performance to "non-food-grade" lubricants, so you can lubricate all your machines with NSF H1 lubricants.



Innovation

JAX lubricants contain a unique FDA/NSF approved technology (MICRONOX®), which eliminates microbes from JAX lubricants to avoid degradation and contamination of the final product.



Specialist

JAX Inc. has production lines solely to produce NSF H1 lubricants, and we comply with the ISO 21469:2006 standard.



Experience

With 50 years of lubrication experience in the food industry, JAX lubricants are tried and tested. This has been proven by an array of national and international clients (Coca-Cola, Del Monte, Frito Lay, Gatorade, Kellogg's, Lipton, M&M, Mars, MillersCoors, Nestlé, Pepsi Cola, Perrier, etc.).

Our certifications

JAX products are NSF certified (H1, H2, 3H), but also Halal and Kosher.



NSF H1 FOOD LUBRICANTS

COMPRESSOR

Compresyn 405 Série
Compresyn 545 Série
Flow-Guard Série

OVERHEAD CONVEYOR/CHAIN CONVEYOR

BDF Cling-Lube
Conveyor Glide Série
Magna-Plate 80, 86 et 88
Magna-Plate 78
Proofer Chain Oil
Flow-Guard Série
Clear-Guard FG-2
Perma-Gear FG Série
Pyro-Kote 220 (NSF H2)
Pyro-Kote FG ISO 220

PENETRATING AGENT

Food Grade Penetrating Oil

NON-STICK MOULD RELEASE AGENT (NSF 3H)

Food-Grade Mold Release N-S
RTU DC Conveyor Release
White Mineral Oils

SUGAR DISSOLVER

Magna-Kote SDO

STAMPING METAL FORMING

Aqua Guard FG
Magna-Kote FG
Syn-Form ISO 150FG

PUMP GEAR UNITS/GEARS

Flow-Guard Série
Gear-Guard FG
Magna-Plate FG Série
Perma-Gear FG Série
Pyro-Kote 220 (NSF H2)
Pyro-Kote FG ISO 220

CORROSIVE/HUMID ENVIRONMENT

BDF Cling-Lube
Halo-Guard FG
Halo-guard FG-PM
Magna-Plate 78
Proofer Chain Oil

HIGH LOADS

Halo-Guard FG
Halo-Guard FG-PM

DRIP GREASING

Magna-Plate Série 60

UNIVERSAL GREASING

Halo-Guard FG
Halo-Guard FG-PM
Magna-Plate 78
Poly-Guard FG
Pyro-Plate EPN-2 (NSF H2)



OUR JAX PRODUCT RANGES

HIGH ROTATION SPEEDS	Poly-Guard FG
ADHERENT OIL	BDF Cling-Lube
HEAT TRANSFER OIL	Therma-Flo ISO 32
MONTAGE	Food-Grade Anti-Seize Pürgel-Klear (NSF 3H)
CLEANING PROTECTIVE LAYER	Packer Oil 22 T-Oil (NSF 3H / H1)
VACUUM PUMPS	Compresyn 405 Série Compresyn 545 Série Flow-Guard Série
INDUSTRIAL ROBOTS	Halo-Guard FG-PM
BEARINGS, ROLLER BEARINGS	Magna-Plate 22 Halo-Guard FG Magna-Plate 44 Poly-Guard FG Pyro-Plate EPN-2 (NSF H2) Halo-Guard FG-PM Clear-Guard FG-2 Oven Ice FG-2
MEAT KNIVES AND SAWS	Magna-Plate 44 Magna-Plate 8
SEAMING	Angel-Guard Halo-Guard FG Magna-Plate 44 Magna-Plate 78
CONTINUOUS STERILISERS	Magna-Plate 2000 FG
SLIDING SURFACE	Dry-Glide Silicone Dry-Glide Silicone WB RTU DC Conveyor Release (NSF 3H)
DEEP FREEZING FREEZING	Magna-Plate 22 Magna-Plate 86
AUTOMATIC GREASING SYSTEMS	Halo-Guard FG Poly-Guard FG
HYDRAULIC SYSTEMS	Flow-Guard Série Magna-Plate Série 60
PNEUMATIC SYSTEMS	Magna-Plate 72 Magna-Plate 74
HYDRAULIC TRANSMISSIONS (HYDROSTATIC)	Unitran FG



NSF H1 FOOD-GRADE OILS

ANGEL-GUARD

Specially developed to lubricate seamers in the food industry. Angel-Guard Fluid E is an emulsifying oil to dissolve and remove sugars, and thanks to a strong demulsifying action, Angel-Guard Fluid 150D can separate water for easy filtration and low pressure at filters

AQUA GUARD FG

Aqua-Guard FG was specially designed and tested to produce can lids in Crown presses, but has also been tried-and-tested for other uses (notably flanging and beading) and on other can-forming equipment.

BDF CLING LUBE

BDF Cling-Lube is a highly adherent oil that does not drip onto food. It is used to lubricate overhead conveyors and chains, or conveyors in steamy or high humidity conditions. It avoids any form of corrosion.

COMPRESYN 405 SÉRIE

Made from high-quality 100% synthetic base oil, Compresyn 405 is shear-stable. This food-grade oil offers long compressor life thanks to reduced component wear, corrosion protection and lubricant breakdown resistance.

COMPRESYN 545 SÉRIE

Compresyn 545 series oils are made from 100% synthetic oil and offer a very long compressor or vacuum pump life thanks to reduced component wear, corrosion protection and water resistance

CONVEYOR GLIDE SÉRIE

Specially designed to lubricate overhead conveyors in the food industry, e.g. abattoir production lines.

FLOW-GUARD SÉRIE

The Flow-Guard series food-grade lubricant oils are made from high-quality, shear-stable 100% synthetic oil. They provide a long lubricated part life and help reduce maintenance costs due to longer draining intervals.

FOOD-GRADE PENETRATING OIL

Food-Grade Penetrating Oil is specially designed for dismantling and releasing corroded parts. This food-grade lubricant or penetrating oil is suited to all mechanisms that require low viscosity oil (ISO VG 22)

MAGNA-KOTE 467 FG

Magna-Kote 467 FG oil was developed for stamping and other metal packaging production processes. It does not leave any residue, and tools stay clean. The friction coefficient is considerably reduced for improved equipment wear protection

MAGNA-KOTE SDO

Magna-Kote SDO is a sugar dissolving lubricant for the food industry. It is used on all parts to be lubricated where the presence of sugar requires a special lubricant that avoids unscheduled shutdowns. Magna-Kote SDO is sold ready-to-use or to be diluted with distilled water (65% Magna-Kote SDO-C and 35% distilled water)



MAGNA-PLATE 2000 FG

Food-grade oil specially designed to lubricate continuous rotating steam peelers and sterilisers, Magna-Plate 2000 FG does not use rapeseed oil or any other form of vegetable oil as an emulsifying agent. This helps definitively reduce rubber deposits, clogged lines and sticking check valves. Magna-Plate 2000 FG clings to metal surfaces thanks to a special polymer, so even after a shutdown, there will be no metal-metal contact on start-up

MAGNA-PLATE 72

Specially formulated to lubricate pneumatic tools, and particularly tools that operate at high speeds, Magna-Plate 72 offers an effective combination of additives (anti-wear agents, enhanced rust inhibitors, Micronox® anti-microbe technology)

MAGNA-PLATE 74

Specially formulated to lubricate pneumatic tools, and particularly tools that operate at high speeds, Magna-Plate 74 offers an effective combination of additives (anti-wear agents, enhanced rust inhibitors, water absorption agent, Micronox® anti-microbe technology). The water absorption agent avoids water infiltration in pneumatic systems. If there is too much water, Magna-Plate 74 can form a very thick emulsion that prevents the oil from flowing correctly. In this case, we recommend using Magna-Plate 72, which offers excellent water separation power.

MAGNA-PLATE 78

Versatile lubricant oil for the food industry, Magna-Plate 78 is used to lubricate chains, cables, gear units... Magna-Plate 78 is a demulsifying oil and Magna-Plate 78 E is an emulsifying oil to dissolve and remove sugar that risks sticking to parts to be lubricated in high-speed seaming systems (FMC/Angelus).

MAGNA-PLATE 80

Lubricating oil for the food industry formulated to lubricate in the extremely cold or hot environments often found in food processing factories. The base fluid is entirely synthetic. It has an extremely low pour point at -65°C, with enough consistency to lubricate at all temperatures

MAGNA-PLATE 86

Lubricating oil for the food industry formulated to lubricate in the extremely cold or hot environments often found in food processing factories. The base fluid is entirely synthetic. It has an extremely low pour point at -60°C, with enough consistency to lubricate at all temperatures

MAGNA-PLATE 88

Lubricating oil for the food industry formulated to lubricate in the extremely cold or hot environments often found in food processing factories. The base fluid is entirely synthetic. It has an extremely low pour point at -36°C, with enough consistency to lubricate at all temperatures.

MAGNA-PLATE FG SÉRIE

The Magna-Plate FG series semi-synthetic oils are used to lubricate all types of gear unit. They offer good corrosion protection, long equipment life and longer draining intervals.

MAGNA-PLATE SÉRIE 60

The Magna-Plate 60 series hydraulic oils were developed to offer optimal protection for vane pumps. They offer benefits such as superior lubricant film hold and excellent anti-wear performance to protect the high-pressure system and pump..



OUR JAX PRODUCT RANGES

PACKER OIL 22

Applied directly to manufacturing and packaging equipment after cleaning to protect it, Packer Oil 22 avoids machine corrosion caused by the application of harsh cleaning agents.

PERMA-GEAR FG SÉRIE

Perma-Gear FG series oils are made from 100% synthetic oil. They are extremely shear-stable and contain the latest anti-wear and extreme pressure additives. To be applied to geared motors and gears subject to high loads and/or high temperatures.

PROOFER CHAIN OIL

Proofer Chain Oil is specially formulated to lubricate in very humid environments, and offers anti-corrosion and anti-rust protection for your equipment. Thanks to a synthetic polymer, Proofer Chain Oil does not drip on food products during production

PYRO-KOTE 220 (NSF H2)

Pyro-Kote 220 is a high-temperature synthetic oil (short-term use up to 340°C) whose reduced evaporation and lack of residue forming make it an exceptionally effective lubricant

PYRO-KOTE FG ISO 220

Pyro-Kote FG ISO 220 is a high-temperature food-grade oil specially suited to oven conveyors and chains in industrial bakeries. It has excellent thermal and oxidation stability, exceptionally low volatility and evaporation rate and no carbon formation

RTU DC CONVEYOR RELEASE (NSF 3H)

RTU DC Conveyor Release is a release agent developed for multiple uses in the food industry, such as help with mould release, laminating, plastic casting... and meets the NSF 3H standard for direct contact with food. RTU DC Conveyor Release does not contain the following allergens: soy, milk, eggs, nuts, peanuts, seafood and wheat

SYN-FORM ISO 150 FG

A 100% synthetic oil, Syn-Form FG ISO 150 was developed for stamping, seaming, grooving and other metal packaging production processes.

T-OIL (NSF 3H/H1)

Sold as a spray, T-Oil is a white oil (ISO VG 22) that, when applied after power washing or steam cleaning, avoids flash rusting of metal surfaces

THERMA-FLO ISO 32

Therma-Flo ISO 32 is a very high-quality food-grade heat transfer oil for use in closed-loop systems where temperatures can reach 315°C. This semi-synthetic oil offers oxidation stability and excellent resistance to thermal decomposition. Therma-Flo ISO 32 was obtained through cutting-edge hydrocracking and a catalytic deparaffining process which gives an extremely pure and colourless product, free of aromatics, polar compounds and sulphur.

UNITRAN FG

Unitran FG was specially developed for hydraulic transmissions and hydrostatic speed drives. It has excellent anti-wear and extreme pressure (EP) properties and offers strong protection against rust and corrosion

WHITE MINERAL OIL SERIES (NSF 3H/H1)

White Mineral Oil Series are high-quality white oils used in the food industry to protect parts against corrosion and avoid food sticking during manufacturing (NSF 3H standard)



NSF H1 FOOD-GRADE GREASES

CLEAR-GUARD FG-2

Developed to meet the need for a clear, translucent grease, Clear-Guard FG-2 is made from an aluminium complex soap and a high-quality white oil. Clear-Guard FG-2 offers excellent resistance to chemical conditions and will cling to metal surfaces

FOOD-GRADE ANTI-SEIZE

Food-Grade Anti-Seize is a soft assembly paste made from solid lubricants (PTFE and others) and a temperature-stable thickener, used to avoid seizing and tribocorrosion in the food and pharmaceutical industries.

GEAR-GUARD FG

Specially designed for open gears, Gear-Guard FG is a grease made from a high-viscosity synthetic oil and an aluminium complex soap to guarantee an excellent grip

HALO-GUARD FG

Halo-Guard FG is a next-generation multi-purpose food-grade grease for the food and pharmaceutical industries. The first NSF H1 grease made from a complex calcium soap with unique performance comparable to effective non-food-grade greases. Halo-Guard FG offers outstanding wear protection and excellent resistance to wash water and steam.

HALO-GUARD FG-PM

Specially developed for "high load" uses (e.g. pellet presses), Halo-Guard FG-PM is a food-grade grease made from a complex calcium soap and a semi-synthetic base oil. All the features required for a true "high load" grease are approved by standard tests (mechanical stability, wear protection, corrosion, oxidation and chemical conditions, etc.).

MAGNA-PLATE 22

Magna-Plate 22 is a high-performance food-grade grease made from 100% synthetic oil that guarantees excellent performance at low temperatures and a calcium complex soap

MAGNA-PLATE 44

Magna-Plate 44 is a food-grade grease designed to grease the bearings of drink can seamers. Highly resistant to water and steam, Magna-Plate 44 limits the corrosion of lubricated parts, and when it is adapted to centralised greasing systems (Magna-Plate 44-0), under pressure, the thickener resists separation of the base oil

MAGNA-PLATE 8

Unlike most food-grade greases, Magna-Plate 8 does not contain polymers or adhesive additives. The calcium-based thickener gives Magna-Plate 8 its hold in humid conditions and particularly in high-speed conditions. Magna-Plate 8 is made from high-quality white oil and a calcium soap

OVEN ICE FG-2

Oven Ice FG-2 is a translucent food-grade grease made from an inorganic thickener that does not melt. The grease does not liquefy, even at high temperatures. The synthetic base oil (PAO) guarantees outstanding performance at high temperatures.

POLY-GUARD FG

Poly-Guard FG is a food-grade grease made from a polyurea thickener, a high-quality white oil, solid lubricants and a collection of additives selected by our chemists to optimise performance. Poly-Guard FG offers excellent performance at high speeds, strong wear protection and excellent oxidation stability.



PÜRGE KLEAR (NSF 3H)

A greasy product made from soft white paraffin meeting FDA standards, PürGel Klear is used as a release agent wherever contact with food cannot be avoided

PYRO-PLATE EPN-2 (NSF H2)

Pyro-Plate EPN-2 is a high-performance grease made from a complex calcium soap and a 100% synthetic base oil. Pyro Plate EPN-2 offers excellent wear (EP properties) and corrosion protection.

NSF H1 SPRAYS AND AEROSOLS

BDF CLING LUBE

BDF Cling-Lube is a highly adherent oil that does not drip onto food. It is used to lubricate overhead conveyors and chains, or conveyors in steamy or high humidity conditions. It avoids any form of corrosion.

DRY-GLIDE SILICONE DRY-GLIDE SILICONE WB

Relatively dry silicon oils that do not attract dust or fibres. Dry-Glide Silicone WB is a water-based solvent (ecological, environmental, safety aspect).

FOOD-GRADE MOLD RELEASE N-S (NSF 3H)

Food-Grade Mold Release N-S was developed to provide an effective food-grade release solution for grills, loaf tins, boning benches and any other hard surfaces. Its low viscosity makes it easy to apply, and it avoids browning when exposed to heat.

FOOD-GRADE PENETRATING OIL

Food-Grade Penetrating Oil is specially designed for dismantling and releasing corroded parts. This food-grade lubricant or penetrating oil is suited to all mechanisms that require low viscosity oil (ISO VG 22)

PROOFER CHAIN OIL

Proofer Chain Oil is specially formulated to lubricate in very humid environments, and offers anti-corrosion and anti-rust protection for your equipment. Thanks to a synthetic polymer, Proofer Chain Oil does not drip on food products during production

PÜRGE KLEAR (NSF 3H)

A greasy product made from soft white paraffin meeting FDA standards, PürGel Klear is used as a release agent wherever contact with food cannot be avoided.

PYRO-KOTE 220 (NSF H2)

Pyro-Kote 220 is a high-temperature synthetic oil (short-term use up to 340°C) whose reduced evaporation and lack of residue forming make it an exceptionally effective lubricant

RTU DC CONVEYOR RELEASE (NSF 3H)

RTU DC Conveyor Release is a release agent developed for multiple uses in the food industry, such as help with mould release, laminating, plastic casting... and meets the NSF 3H standard for direct contact with food. RTU DC Conveyor Release does not contain the following allergens: soy, milk, eggs, nuts, peanuts, seafood and wheat.

T-OIL (NSF 3H / H1)

T-Oil is an NSF 3H/H1 protection oil intended to protect machines after power washing or steam cleaning. It avoids flash rusting of metallic surfaces. T-Oil is primarily a white oil (ISO VG 22)

MAGNA-PLATE 78

Versatile lubricant oil for the food industry, Magna-Plate 78 is used to lubricate chains, cables, gear units... Magna-Plate 78 is a demulsifying oil and Magna-Plate 78 E is an emulsifying oil to dissolve and remove sugar that risks sticking to parts to be lubricated in high-speed seaming systems (FMC/Angelus)

