



SPANJAARD



Mining



**Manufacturer of Special Lubricants
and Allied Chemical Products**



SPANJAARD

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ADF (Air Drying Film)



Leaves a completely dry MoS₂ film which is totally resistant to corrosion, will act as an excellent lubricant and is particularly useful in dusty conditions.

- Provides lubrication where use of conventional wet lubricants is undesirable.
- Excellent pre-assembly treatment, protective coating, high temperature and dry lubricant effective up to +350°C.
- Popular in the application of rope safety attachments due to its high anti-corrosion and lubricating properties.

Available in 325ml aerosol, 5 litre tin and bulk packs.

ANTI-SCUFF PASTE & SPRAY



Used for the assembly of all moving parts to prevent scuffing and scoring, particularly when running in. Copes under extreme temperatures and pressures.



- Pre-treatment of large open gears.
- Load-carrying capacity of the MoS_2 in excess of 2750Mpa.
- Used for the assembly of moving parts.

Available in 350ml aerosol, 700g tin and bulk packs.

BITUMEN PRIMER



Liquid bitumen solution designed to penetrate and seal porous surfaces, protect bare metal surfaces from corrosion and act as an industrial waterproofing agent.



- Corrosion preventative coating for all steel structures and frames.
- General industrial rust proofing and durable steel wire rope coating.

Available in 500ml aerosol, 1 litre tin and bulk packs.

CHAIN OIL 718

Medium viscosity chain lubricant, based on a highly refined mineral oil. Contains MoS_2 in a highly dispersed state, which acts as an anti-wear agent and provides lubrication under heavy shock load conditions.



- Lubricating conveyor chains operating up to +180°C.
- Useful in heavy duty applications.
- Used on heavy plate conveyors.
- Effective on creasing and cutting machines.

Available in 5 litre tin, new 20 litre drum featuring $\frac{3}{4}$ " BSP tap connection, as well as bulk packs.

CHROME, COPPER & NICKEL COMPOUND

Anti-seize, anti-corrosion compounds that permit firmer tightening and easier loosening of threaded connections and mating surfaces.



- Resistant to acid, alkali, steam, water and seawater corrosion.
- Prevents seizing, galling and corrosion up to +1100°C for Copper Compound, +1400°C for Nickel Compound and +1500°C for Chrome Compound.
- Chrome Compound & Nickel Compound are safe for use on austenitic / stainless steels.

Available in 350ml aerosol, 500g tin and bulk packs.

COLD ZINC GALVANISING SPRAY



>95% purity zinc rich touch-up paint for galvanised steel.

- Used as a touch-up paint for damaged galvanised surfaces or as a primer or final coat to iron or steel.
- Provides a flexible, hard coating to galvanised steel that has been disturbed due to welding, cutting, drilling, etc.
- Forms a non-cracking, non-chipping coating.

Available in 400ml aerosol.

CONTACT CLEANER



Quickly dissolves oil and grease, and removes dust and grime from electrical contacts and mechanical components.

- For industrial strength cleaning of electrical switches and controls, electric motors and coils.
- It evaporates, allowing minimum downtime on electrical equipment.

Available in 400ml aerosol.

ELECTRIC MOTOR CLEANER

High flash point safety solvent specially developed for removing deposits normally found in electric motor windings.



- Quickly dissolves oil, grease and removes dust and grime from electrical and mechanical components.
- Quickly evaporates allowing minimum down-time on electrical equipment maintenance.

Available in 5 litre tin, new 20 litre drum featuring $\frac{3}{4}$ " BSP tap connection, as well as bulk packs.

ELECTRICAL INSULATING VARNISH



Red coloured, moisture and oil resistant varnish which has excellent insulating properties for use in a variety of industrial applications.

- For use on all electrical windings, coils and motor frames.
- Protects against arcing from controller shafts, switch bases and other electrical equipment.
- Used as a sealant for pipes, gaskets, etc.

Available in 350ml aerosol.

ENGINE CLEANER RED, BLUE, Aerosol & Bulk

Highly concentrated degreasing agent which dissolves oils and grease while emulsifying them, making it easy to rinse off with water. Suitable for all workshop applications.



- Engine Cleaner Red and aerosol are solvent-based, heavy duty degreasers.
- Engine Cleaner Blue is a biodegradable, environmentally friendly water-based degreaser.

Available in 500ml bottle, 350ml aerosol and bulk packs.

ENGINEERING MARKING BLUE



Precision blue metal marking dye for accurate engineering / metal fabrication layout work and scribing.

- Quick drying, has excellent water-resistance and will not rub off.
- Leaves a thin blue coating, non-glaring and non-flaking.

Available in 350ml aerosol.

FLAW & CRACK DETECTOR SYSTEM

Set of 3 products for detecting cracks and flaws on the surfaces of metals.



- Will show up cracks as red lines and porous areas as red pin points on all types of metals.
- Inspection and checking of tools or incoming materials, for defects and hairline fractures.
- Checking for potential fatigue cracks or flaws during maintenance where parts are subjected to heavy stress.
- Inspection of welded areas that must be free of flaws.

No. 1 and 3, 350ml and No. 2, 300ml aerosol.

GASKET CLEANER



Powerful blend of solvents formulated to quickly and easily remove remains of old seals and gaskets, industrial coatings (paints, varnishes), adhesives, carbon deposits, baked-on oil and grease from metal surfaces.

- Acts by softening the material, making it easy to scrape off.
- The gel-like consistency prevents run-off from the desired location, allowing for effective cleaning.
- Contains no chlorinated solvents.

Available in 400ml aerosol.

GEARBOX & DIFFERENTIAL LUBRICANT SUPPLEMENT

Ideal for reduction plants & industrial gearboxes, reduces electricity bill by reducing friction. MoS₂ plating action on gears. Typical industry: mining & steel works.



- Gives excellent performance in gearboxes (non-auto), steering boxes, differentials and transmissions in earthmoving, industrial vehicles and equipment.
- Increases gearbox and differential reliability, reduces maintenance, overhauls and expenditure on replacement parts.
- Makes no significant alteration to the characteristics of the oil to which it is added.

Available in 100ml tube, 5 litre tin and bulk packs.

HAND CLEANER ORIGINAL & CITRUS

Superior quality hand cleaners. Original contains grit, lanolin and is antiseptic to clean, moisturise and protect the skin. Citrus contains detergents, moisturisers and grit to readily remove ingrained dirt.



- Contains disinfectants as well as detergents and therefore cleans effectively.
- Conditions the skin leaving hands feeling soft and moisturised after use.
- Hand Cleaner Citrus has the added cleaning power of D-limonene.
- Cleans wet or dry dirty hands.

Available in 500g and 5kg plastic tubs.

LECTRO KLEEN - Standard & Non-Flammable

High quality precision contact cleaner which dissolves and flushes contaminants away from electronic / electrical components.



- Degreases and evaporates rapidly and completely, leaving no residue.
- Does not attack metals, plastics, rubbers, paint or lacquers.
- Reduces costs as components can be cleaned in situ without dismantling and eliminates damage due to hand cleaning.
- Non-flammable is ideal for use where explosive or fire hazard conditions exist such as in underground mining.

Available in 200ml, 400ml (standard) & 430g (non-flammable) aerosols, 5 litre tin and bulk packs.

LGR-T GEAR OIL

Thixotropic heavy duty ready blended gear oil for heavily and shock-loaded industrial gearboxes.



- Used specifically in old worn gearboxes with leaking seals.
- Industrial gearboxes operating at excessive temperatures due to high loads.
- Hand-held power tools such as heavy drills, angle grinders.

Available in 15kg keg and bulk packs.

LIQUID GREASE



Penetrates like oil, lubricates like grease for chains, linkages and cables.

- Combines the advantages of grease with those of lubricating oil.
- Excellent lubrication for smaller scale wire ropes and cables, chains and linkages, winches and pulley blocks, overhead cranes, rails and rollers.
- Contains MoS_2 which provides added protection and reduced wear.

Available in 400ml aerosol.

LX-2 GREASE

High quality, all purpose lithium-based grease.



- Suitable for lubrication of plain, needle, ball and roller bearings of all types.
- Fortified with rust and oxidation inhibitors.
- Suitable for lubrication of industrial & mining equipment.

Available in 500g tin, 5kg tin, 15kg keg and bulk packs.

MOULD PROTECTOR

Waxy coating which protects all steel and other metal surfaces against corrosion.



- Displaces and repels water.
- Protects metal surfaces from rust and acid / alkali attack.

Available in Blue, Brown (standard) and Green 400ml aerosols.

MPG (Multi-Purpose Grease Premium Grade) & MPG 1646



Premium grade non-melting grease for use in anti-friction bearings.



- Suitable for use where high temperatures and / or heavy load conditions exist.
- Excellent water and corrosion resistance properties.
- Suitable for working temperatures up to +160°C, with intermittent peak use up to +200°C.
- Use MPG 1646 when a tackier grease is required.

Available in 400g cartridge (MPG 1646), 500g tin, 5kg tin and bulk packs.

OPEN GEAR CLEANER

Contains a blend of solvents which facilitate the cleaning of the bituminous-based gear lubricants from heavy-duty gears and other components which make use of bituminous-based lubricants.



- Powerful solvents act quickly to soften and dissolve the bitumen, allowing the gears to be cleaned quickly and easily, thus reducing unnecessary downtime.

Available in the new 20 litre drum featuring a $\frac{3}{4}$ " BSP tap connection.

OPEN GEAR LUBRICANTS

(OGL 1620 / 1279 / 1280)

Open Gear Lubricants are extra heavy duty tacky lubricants with extreme pressure, low friction and anti-corrosion properties. Typical applications are in heavy duty open gears of ball and rod mill drives, pins, bushes, ring gears and slides, winch open gears, ropes in marine conditions, wire ropes of slag grabs, and abrasive and hot water conditions in the iron and steel industry.



- **1620** is a bituminous lubricant with non-flammable solvent.
- **1279** was developed to replace conventional, difficult to apply Open Gear Lubricants.
- **1280** a tackier product designed for higher loads.

Available in bulk packs.

OPEN GEAR & WIRE ROPE SPRAY



Aerosol applied lubrication for smaller open gears and wire ropes.

- For use in spur, helical, worm-drive gears and open gears under high load conditions.
- Provides low starting torque at low temperatures.
- Penetrates deep into the core of the rope ensuring protection and continued lubrication of the wire strands against fretting and corrosion.

Available in 350ml aerosol.

PENETRATING & RELEASING FLUID & SPRAY

High quality penetrant with soluble molybdenum.
Clean to use, as it is not black.



- Quickly penetrates and frees seized and corroded nuts, bolts, rusty locks, door hinges and handles.
- Will loosen rust, tar, grease, dirt, carbon deposits and corrosion.
- Excellent lubricating and anti-seize properties.
- Non-flammable is the ideal for use where explosive or fire hazard conditions exist such as in underground mining.

Available in 375ml bottle, 200ml and 400ml (standard) and 400g (non-flammable) aerosols & bulk packs.

PIN & BUSH GREASE



Extreme pressure, tacky grease specially developed for pins and bushes in earthmoving and industrial equipment. Operates at temperatures ranging between -15°C and +150°C.



- Resists lubricant displacement under high load, boundary conditions and is non-melting.
- Suitable for use in plain and low speed rolling elements operating at higher than conventional grease temperatures where shock loading and high temperatures occur.

Available in 400g cartridge and bulk packs.

PIPE DOPE

Thread compound used for casing, tubing and line pipes in high temperature and high pressure environments.



- A high temperature, low friction, anti-seize, anti-corrosion assembly compound which ensures rapid and easy assembly and disassembly of threaded parts such as pipes, drill collars, tool joints, nuts and bolts in drilling operations.
- Available in 2 grades namely, **Pipe Dope 60** (60% Zinc) and **Pipe Dope Gold** (Premium Grade).

Available in bulk packs.

RAPIDKLEEN



Superior quality heavy duty industrial cleaner and degreaser which flushes away oil and grease, and removes dust and surface contaminants.

- Quick drying and leaves no residue allowing for minimum downtime.
- Cleans and degreases metal parts, glass and ceramics.
- For cleaning of new or used bearings prior to grease filling, brake systems, engine parts and glued components.

Available in 400ml aerosol, 5 litre tin and bulk packs.

RB2 & RB2-X Grease



Black, high quality lithium complex grease containing special extreme pressure additives.



- Can be widely used in anti-friction bearings or applications subject to slow or high speed, heavy loads and wet conditions.
- Fortified with rust and oxidation inhibitors.
- **RB2-X** contains higher quantities of MoS_2 to protect metals in greater shock load conditions.

Available in 400g cartridge (RB2), 500g tin, 5kg tin, 15kg keg and bulk packs.

SPARK - Standard & Non-Flammable

Multi-purpose lubricant which is a water and moisture displacer, cleans and protects against corrosion, lubricates and is an effective penetrating and release agent.



- Di-electric strength of up to 38 000 volts.
- 360° valve technology allows spraying at all angle, including upside down.
- Contains no silicone.
- Provides a protective film which guards against corrosion on both mechanical and electrical equipment.
- Non-flammable is ideal for use where explosive or fire hazard conditions exist such as in underground mining.

Available in 150ml, 300ml (standard), 500g (non-flammable) aerosols and bulk packs.

SPATTER RELEASE NO. 639 CERAMIC



Dispersion of very fine particles of premium ceramic lubricant in an air drying resin. High temperature dry lubricant and release agent with excellent anti-stick properties.

- Prevents spatter adherence on welding nozzles, jigs, tooling and work surfaces.
- Ideal in high temperature and dusty condition applications, when conventional wet lubricants are unsuitable.
- Provides a stable lubricating film at temperatures of -20°C to +350°C.
- Although resin breakdown starts at this temperature, the ceramic solid lubricant is effective up to +1000°C.

Available in 400ml aerosol.

SPATTER RELEASE #639 and #640

Silicone free anti-spatter spray which prevents adherence around the weld zone, allowing any spatter to be brushed away easily. Also prevents weld spatter from building up in the nozzle of CO₂ gas shrouded welding guns. Suitable for all metal welding operations.



- Protects surfaces during welding, promoting a good weld.
- The weld and surrounds can be prepared for painting or galvanising without any problems.
- **#639** is water-based and non-flammable.
- Both **#639** and **#640** are biodegradable and environmentally friendly.

Available in 400ml aerosol.

SYNTHETIC GREASE 1225

Black, high quality synthetic oil-based grease containing special extreme pressure additives, rust and oxidation inhibitors.



- Contains MoS_2 which provides added protection and reduced wear.
- Does not leave carbon deposits at high temperatures in anti-friction bearings.
- Some specific applications are: oven kiln-car bearings, furnace door hinges, high temperature / high speed anti-friction bearings e.g. fans in ovens.

Available in 500g tin, 15kg tin and bulk packs.

WIRE ROPE DRESSINGS (LQG-X & 1345)

Specially developed, semi-synthetic wire rope dressings which contain solid lubricants, extreme pressure, anti-fretting, anti-corrosion additives, and resist displacement by high load pressures and water.



- **1345** is a tacky lubricant for wire ropes in mining, marine, earth moving and industrial equipment.
- **LQG-X** is a semi-fluid version designed for easy application and deep rope penetration, and contains no solvent diluent.
- Both versions resist fling-off and water wash-out. The MoS_2 and other solid lubricants remain in place under very heavy loads, greatly reducing wear and prolonging rope life.

Available in bulk packs.

WR BEARING GREASE



Red coloured, high quality, extreme pressure grease with extremely high adhesion properties. Highly resistant to water (hot or cold) and steam conditions.



- Suitable for lubrication of slow moving plain, needle, ball and roller bearings of all types.
- Fortified with rust and oxidation inhibitors and has a great resistance to water.
- Suitable for lubrication of slow moving machinery, heavy construction and industrial equipment.

Available in 400g cartridge, 500g tin, 5kg tin, 15kg keg and bulk packs.



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