



Corrosion Prevention & Long Term Storage

www.vickers-oil.com.au

Corrosion Prevention & Long-Term Storage

When to use Corrosion Prevention Products:

- Before storage of components and equipment that have bare metal surfaces and are defined as critical spares.
- Before further assembly or processing of finished metallic parts (engines, gearboxes, bearings, and other closed systems), example during shipping or whilst in use.
- When parts need to be protected after machining.
- When equipment may come in contact with other metals, paint, plastics, or rubber seals as part of an assembly.
- When parts need to be dewatered or dried to remove the water miscible coolant.

Why use Corrosion Prevention Products:

Using a corrosion prevention product can provide:

- Reduced maintenance costs due to minimised wear.
- Effective protection against different corrosive mediums.
- Less damage during assembly and disassembly due to easier handling.

Where to use Corrosion Prevention Products

The different uses and applications where temporary protection can be achieved by using the VICKERLUBE Corrosion Prevention and Long Term Storage products include, but is not limited to, the following:

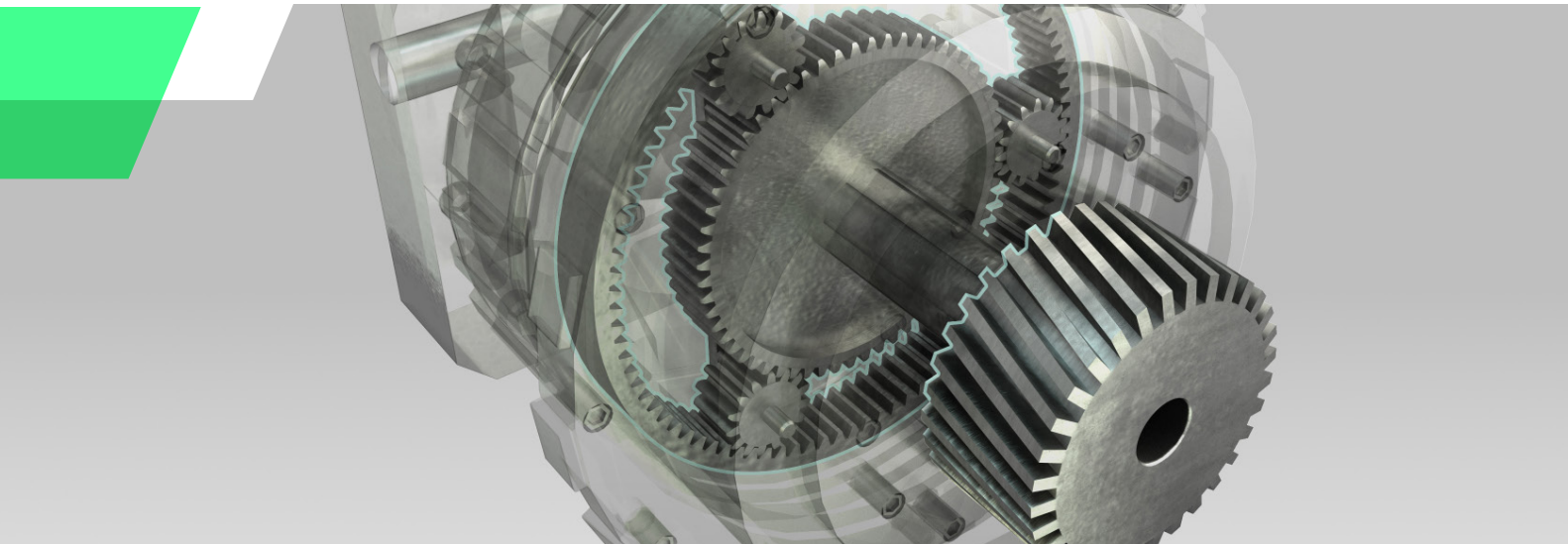
- Steel and coated steel strip.
- Steel profiles, sections, and tubes.
- Aluminium or other alloy strip and sections.
- Machined / Machinery parts and components either as finished items or for later assembly.
- Tools and machine tools used whilst manufacturing (including food processing), storage and supply.
- Fasteners such as screws, rivets, bolts, etc.
- Automotive components and sub-components.
- Electrical parts and assemblies.
- Agricultural, Construction and off-highway equipment.
- Metal tanks, valves, and lines.
- Vehicles, machinery, or equipment protection during shipment.
- Assemblies of equipment, moth-balled for long or short periods.
- High-cost repairable spares such as gearboxes, final drives and fuel tanks.

VICKERLUBE Industrial Products for:

Critical Spares, Agricultural Machinery, Engineering Workshops, Mining Equipment, Heavy Industrial Finished Goods, Food & Beverage Equipment, Marine, Ports & Harbour Equipment



VICKERLUBE CPVI

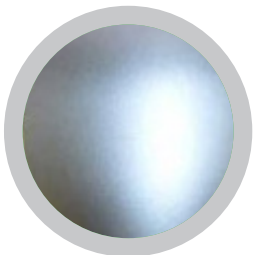


Corrosion Preventing Vapour Inhibitor

- Rust preventive oil that provides superior rust and corrosion prevention in engines, gear boxes and other closed systems that will be placed into storage for extended periods of time.
- Fills any closed spaces with vapours to prevent rust and corrosion of surfaces not contacted by the oil.
- Cost Effective.
- Protects parts for up to one year*

Applications

For use to prevent rust and corrosion in high cost repairable spares such as gearboxes, engines, final drives, fuel tanks and other closed systems that require protection to prevent deterioration by corrosion during long term storage.



Treated with CPVI



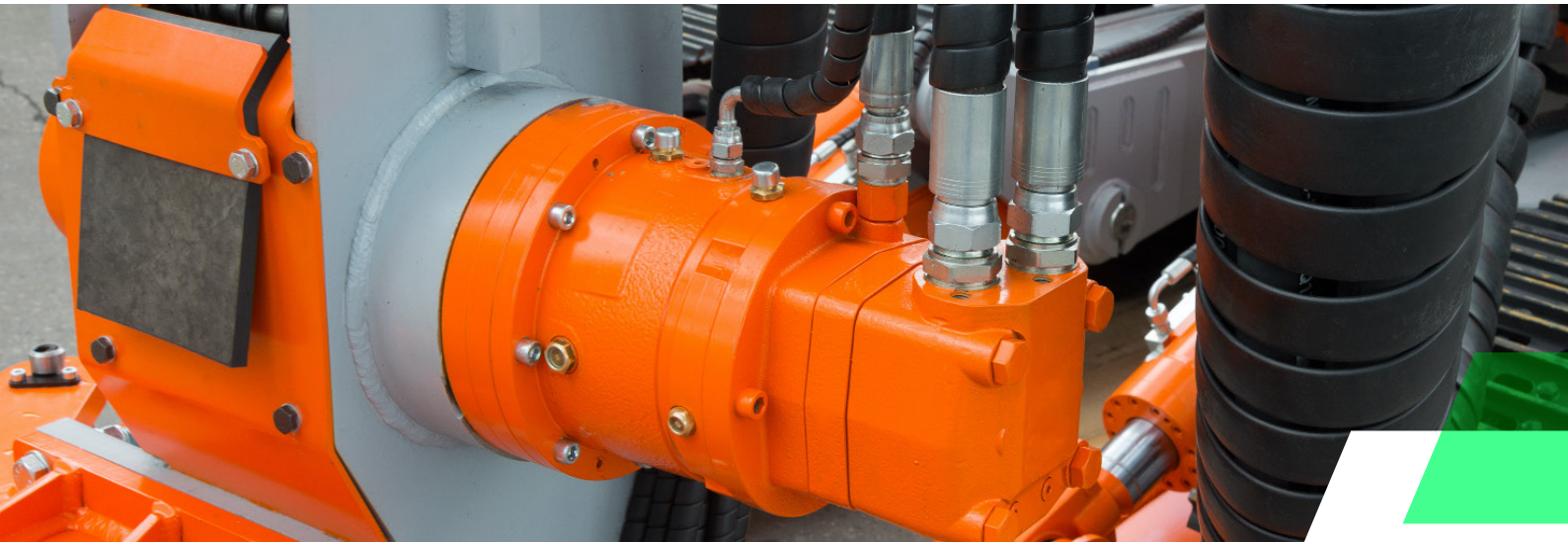
Untreated

* The length of time the protection continues depends upon how well sealed the closed system is and how much temperature- induced "breathing" of the system occurs.

Typical characteristics and properties

VICKERLUBE CPVI	RESULT
Appearance	Light amber
Viscosity @ 20°C (cSt)	4
Flash Point	100°C
Shelf Life	2 years in original sealed containers whilst stored out of direct sunlight

VICKERLUBE BIO CPF



Biodegradable, High-performance multipurpose Corrosion Prevention Fluid

- Made from bio-based, sustainable ingredients.
- Creates a thin, colourless soft coating.
- Designed to penetrate, lubricate, displace moisture.
- Designed to clean and protect metal parts against corrosion.
- Quickly loosens and releases metal parts and mechanical equipment that are stuck, seized, or rusted together.

Applications

Corrosion Prevention for Short-Term Storage of metal surfaces.

For use on pins, bushes, screws, valves, chains, bearings, couplings, levers, locks, hinges, cables, pulleys, winches, pedal crank arms, derailleur assemblies, gear mechanisms, and many more.

Typical characteristics and properties

VICKERLUBE BIO CPF	RESULT
Appearance	Green solution
Viscosity @ 25°C (cSt)	11
Water Solubility (g/l)	<1
Flash Point	176°C
Dry Film Thickness (µm)	<1
Coverage (m2/l)	330
Specific Gravity (g/cm3)	0.89
Shelf Life	3 years in original sealed containers whilst stored out of direct sunlight

VICKERLUBE Corrosion Prevention Range

VICKERLUBE SOFT COAT CPF



Clear Film, Soft, Waxy Corrosion Prevention Fluid

- Excellent long-term corrosion protection for metal surfaces.
- Leaves a soft waxy protective coating after drying.
- Non-flammable, VOC-free product, deposited with a non-aromatic solvent.
- Does not contain heavy metals.
- Does not crack, peel, or chip.
- Excellent water displacement properties.

Applications

Corrosion Prevention for Protection or Long-Term Storage of metal surfaces.

Applications are varied including general purpose or penetrating sealer for parts, components or equipment protector, anti-corrosive coating for outdoor storage or protection of critical spares.

Typical characteristics and properties

VICKERLUBE SOFT COAT CPF	RESULT
Appearance	Brown solution, which dries to leave a clear film
Protection Level	Long term*
Drying Time (hours)	24*
Film Type	Soft, waxy
Water Displacing	Yes
Flash Point (°C)	> 100
Film Thickness (µ)	≤15
Coverage (m2/l)	> 22
Density (g/cm3)	0.9
Shelf Life	3 years in original sealed containers whilst stored out of direct sunlight

VICKERLUBE Corrosion Prevention Range

VICKERLUBE FG UNIVERSAL OIL 32



Premium quality, medicinal white oil registered to H1 for incidental food contact, for use in and around food and beverage processing.

- Designed to penetrate, lubricate and displace moisture.
- Designed to clean and protect metal parts against corrosion.
- Intended for wash down and short term corrosion protection or light lubrication for food manufacturing equipment.

Applications

Corrosion Prevention for Short-Term Storage of metal surfaces.

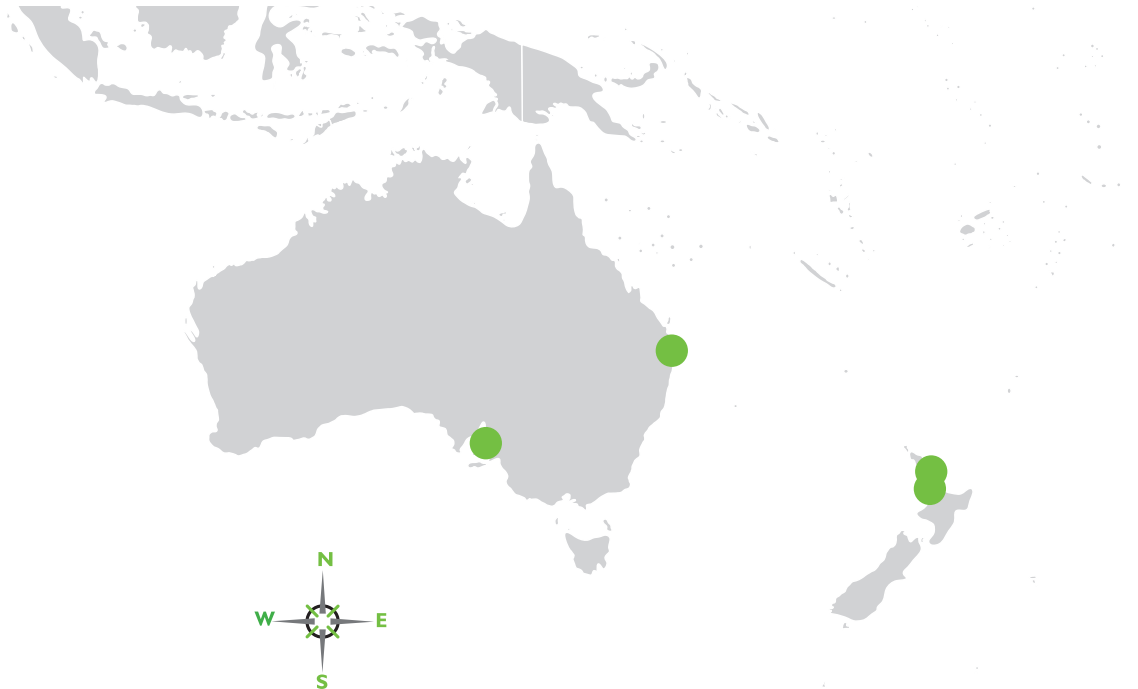
For wash down and short term corrosion protection or light lubrication for food manufacturing equipment.

Typical characteristics and properties

VICKERLUBE FG UNIVERSAL OIL 32	RESULT
Appearance	Clear and Bright
Viscosity @ 40°C (cSt)	32
Flash Point	>185
Dry Film Thickness (µm)	Pour Point (oC) <-9
Shelf Life	2 years in original sealed containers whilst stored out of direct sunlight



AUSTRALASIA



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(Environmentally Acceptable
Lubricants)



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in **over 40 locations**



Ability and infrastructure to **respond**
quickly to urgent requirements

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Lubrication
Surveys and
Recommendations



Equipment
Reports
and Analysis



Lubricant
Analysis



Training

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