

VCI-145 A EX Rust preventative oil

**AUSTRALIAN
INHIBITOR**

VCI- 145 A EX is a lubricating grade of rust preventive oil having excellent thixotropic properties and holds well on surfaces that may be super finished or vertically placed.

The product has a high flash point and can be used for protection of Cold Rolled Steel, Engine Components, as well as large equipment where indoor open storages are required. **VCI-145-A EX** has a higher, faster and longer duration of effective protection for metallic components from saline atmospheres during sea transportation as well as long term storage; compared to other rust preventive oils. VCI 145-A EX is Barium and Heavy Metal Free

Application Method

Dipping by far is the best method for establishing an even layer on the component. Other methods may be used such as mist spraying, electrostatic spraying, brushing, automatic conveyor spray or dip process spray. It is important that the complete surface of the component is coated with the rust preventive oil.

Suitable for:

Machined Steel Components, Castings, Forgings, CR sheets, Bearings, Gears, Transmission Components, Axles, Process Equipment, Flanges, Valves etc.

Features:

- Solventless
- Low Odour
- Lubricating oil film
- Thixotropic properties
- Long Term Corrosion Prevention
- Electrostatically Sprayable
- Easily washable with water and solvent based products
- Excellent protection against acidic and saline environments
- Non Sticky soft film
- Good for rubber & silicone parts.

Application:

- Machined Steel Components which require lubrication, extended protection and occasional handling
- Castings, gears, axles, crank shafts
- Forgings
- Bearings
- Transmission Components
- Process equipment
- Flanges
- Valves

STORAGE:

Store in a cool, dry place,
Keep packaging.



SERVICE LIFE

INDOOR 6 MONTHS
(fully exposed)

INDOOR 2 YEARS
(within secondary packaging)

INDOOR Up to 5 YEARS
(within Australian Inhibitor VCI packaging)

Typical Properties	Test Method	Value
Colour	Visual	Amber Clear
Viscosity @ cSt @ 40 °C	ASTM D 445	100~ cSt
Specific Gravity	ASTM D 1298	0.7 - 0.86
Flash Point (before application)	ASTM D 92	220 °C
Flash point (after application)	ASTM D 92	<220 °C
Volatiles by % (by weight)		0%
Coverage Sq.m./Lt		100
Film thickness	IS 2074	10-15 Microns
Pour Point	ASTM D 97	Below -5 °C
Salt Spray Protection	ASTM B 117	< 120 hours
Salt Spray in VCI Packaging	ASTM B 117	500 hours +
Humidity Chamber	ASTM D 1748	720 hours +
Indoor Protection Life (open)		6 months
Indoor Protection Life (packed)		2 Years
Packaged Protection Life (in VCI Packaging)		Up to 5 Years



**Unsurpassed Corrosion
Prevention for
60+ years**

CORROSION PREVENTATIVE

- FOILS
- FILMS
- PAPERS
- OILS
- ADDITIVES
- COMPLETE PACKAGING SOLUTIONS

