



VpCI® METALWORKING PRODUCTS

VpCI®-324



PRODUCT DESCRIPTION

VpCI-324 is a light lubricant and penetrating oil for use on equipment and machine parts in sanitary areas where there is exposure of the lubricated parts to edible products. VpCI-324 penetrates quickly to free rusted or corroded fasteners and facilitates easy operation of air actuated pins and guides. In addition, VpCI-324 serves as an excellent anti-corrosion film on equipment during idle periods.

VpCI-324 is authorized by the USDA for use in category H-1. Category H-1 lubricants are suitable for use wherever the lubricant may have incidental contact with edible products.

VpCI-324 also contains an exclusive bacteriostatic preservative. This preservative retards the growth of bacteria which often breeds in conventional lubricants found in food and beverage processing plants.

FEATURES

- USDA H-1 rating for use in federally inspected meat and poultry plants, as well as beverage and other food processing facilities where incidental food contact may occur
- Quickly frees corroded parts
- Protects metal from corrosion

TYPICAL APPLICATIONS

VpCI-324 is a multi-purpose, H-1 rated, light-duty lubricating oil. VpCI-324 is particularly effective as a

penetrating oil in the food processing industry. VpCI-324 works to loosen bolts, stop squeaks, and lubricate pins, valves, hinges and chains.

TYPICAL PROPERTIES

Appearance	Clear colorless liquid
Density	7.1 lbs/gal (0.847 kg/l)
USDA Rating	H-1
<i>Kinematic Viscosity (Typical-Finished) - ASTM D-445</i>	
cSt @ 40°C	13
<i>Saybolt Viscosity (Typical-Finished) - ASTM D-2161</i>	
SUS @ 100°F	71
SUS @ 210°F	36
Pour Point (ASTM D-97)	-20°F (-29°C)
Flash Point	360°F (182°C)
ASTM D-1748	
(Humidity Chamber)	150+ hours
ASTM D-130	
Copper Strip Corrosion	1B
ASTM D-971	
(Interfacial tension of oil against water)	15.4 dynes per cm
Penetrating in crevice between metal surfaces, mm	
	30 min ----- 24
	20 hours --- > 130

PACKAGING AND STORAGE

VpCI-324 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. VpCI-324 is also available in compressed air aerosol, as EcoAir VpCI-324, 10 oz. (384 g) bottles.

The product should be sealed before storage. Agitate before each use. The shelf life of VpCI-324 is up to 24 months.



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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