

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.

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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