

VpCI® METALWORKING PRODUCTS

CorrLube® Food Grade Penetrant



PRODUCT DESCRIPTION

CorrLube Food Grade Penetrant is a light penetrating oil. CorrLube Food Grade Penetrating oil contains only food grade USDA H-1 approved ingredients and because of that can be used on equipment in sanitary areas where there is the exposure to edible products. CorrLube Food Grade Penetrant is a deep penetrating formulation which attacks rust and frees the frozen parts. This product has a very low surface tension on the water-oil-metal-air interfaces, which provides complete surface coverage and water displacement. CorrLube Food Grade Penetrant penetrates quickly to free rusted or corroded fasteners and facilitates easy operation of air actuated pins and guides.

CorrLube Food Grade Penetrant serves as an excellent anti-corrosion film on equipment during idle periods.

Additionally, CorrLube Food Grade Penetrating lubricant contains an H-1 approved bacteriostatic preservative. This preservative retards the growth of bacteria which often present in conventional lubricants, food and beverage processing plants.

FEATURES

- USDA H-1 rating for use on food machinery federally inspected meat and poultry plants, beverage and other food processing facilities
- Quickly frees corroded parts
- Protects metal from corrosion
- Lubricates moving parts
- Retards bacteria growth

TYPICAL APPLICATIONS

CorrLube Food Grade Penetrant is a multi-purpose, H-1 rated, light-duty lubricating oil. Because of H-1 approval CorrLube Food Grade Penetrant can be applied on machinery where accidental contact with food can occur.

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)	190+ 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



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Environmentally Safe VpCI®/MCI® Technologies

PACKAGING AND STORAGE

CorrLube Food Grade Penetrant is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes and bulk.

The product should be sealed before storage. The shelf life of CorrLube Food Grade Penetrant 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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