

VpCI® METALWORKING PRODUCTS



# CorrLube® Food Grade Penetrant



## PRODUCT DESCRIPTION

CorrLube Food Grade Penetrant is a light penetrating oil that contains only USDA H-1 approved ingredients. CorrLube Food Grade Penetrant is a deep penetrating formulation which attacks rust to free 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 is often present in conventional lubricants used in food and beverage processing plants.

## FEATURES

- Confirms to 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 incidental contact with food can occur.

## TYPICAL PROPERTIES

Appearance	Clear colorless to slightly yellow liquid
Density	6.9-7.1 lbs/gal (0.82-0.85 kg/l)
Non-Volatile (weight)	95-100
USDA Rating	H-1
Kinematic Viscosity (Typical-Finished) - ASTM D-445 cSt @ 40°C	13
Saybolt Viscosity (Typical-Finished) - ASTM D-2161 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



## 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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