



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 incidental contact with food can occur.

TYPICAL PROPERTIES

Appearance	Clear colorless liquid
Density	7.1 lbs/gal (0.847 kg/l)
Non-Volatile (weight)	95-100
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



CORTEC
CORPORATION

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

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Distributed by:



4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvc.com
Internet <http://www.CortecVCI.com>

ECORR Systems
a Division of Root International, Inc.
24650 State Road 54
Lutz, FL 33559

sales@ecorr.com
www.ecorr.com

Tel: 866-830-4050
Fax: 813-264-1975

printed on recycled paper  100% post consumer

Revised 6/25/07. ©Cortec Corporation 2004-2007. All rights reserved. Supersedes: 3/6/07
Cortec® and VpCI are trademarks of Cortec Corporation.