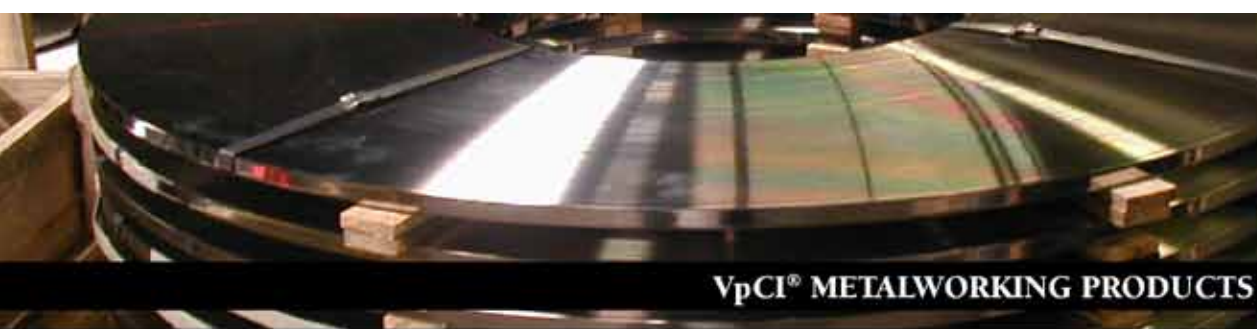




CorrLube® Food Grade Penetrant



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.

FEATURES

- Conforms 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
- Lubricant ingredients listed in CFR 178.3570: LUBRICANTS WITH INCIDENTAL FOOD CONTACT

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 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:



www.esvasolutions.com

printed on recycled paper



100% post consumer

Revised: 11/22/13, *Cortec Corporation 2004-2013. All rights reserved. Supersedes: 3/23/12
Cortec® and VpCI are trademarks of Cortec Corporation. © 2013, Cortec Corporation. All Rights Reserved. Copy-
ing of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited.
ISO accreditation applies to Cortec's processes only.