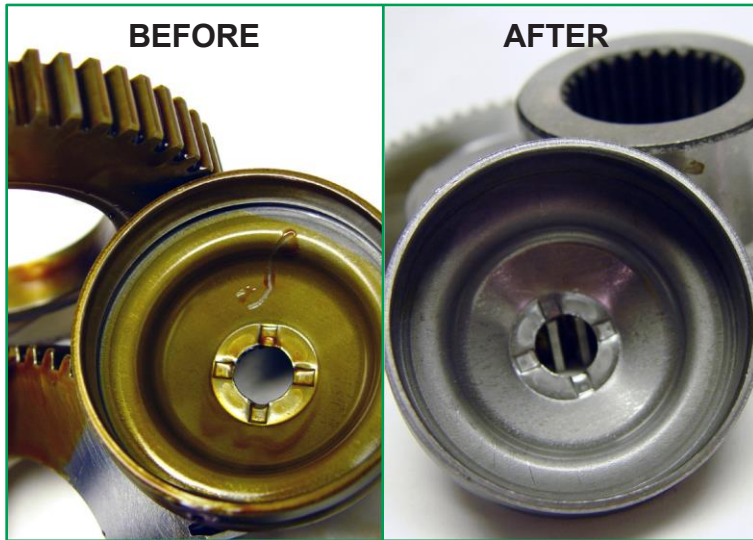


SURFACE PREPARATION PRODUCTS

VpCI®-411



DESCRIPTION

VpCI®-411 is a heavy-duty, water-dilutable, D-Limonene-based cleaner/degreaser liquid. This product is designed for extra tough cleaning jobs in industrial and commercial applications. VpCI®-411 is very effective in dissolving grease, oil, paraffins, and waxes.

Dilutable down to 5% or less depending on application, so it is economical.

TYPICAL USES

- Universal cleaning applications
- Sheet metal covered with oil or waxy films prior to painting
- Machined parts coated with waxes or greases prior to assembly
- Removal of machining oil and process fluids
- Cleaning and removal of oily or waxy fluids
- Removes temporary coatings like Cortec® VpCI®-368 or VpCI®-389
- Petroleum equipment, pipes, vessels, drilling tools, tanks, pipelines, etc.

PROPERTIES

Appearance	Clear yellow liquid
Density	8.1-8.2 lb/gal (0.97-0.98 kg/l)
pH	7.6-7.8 (Neat)

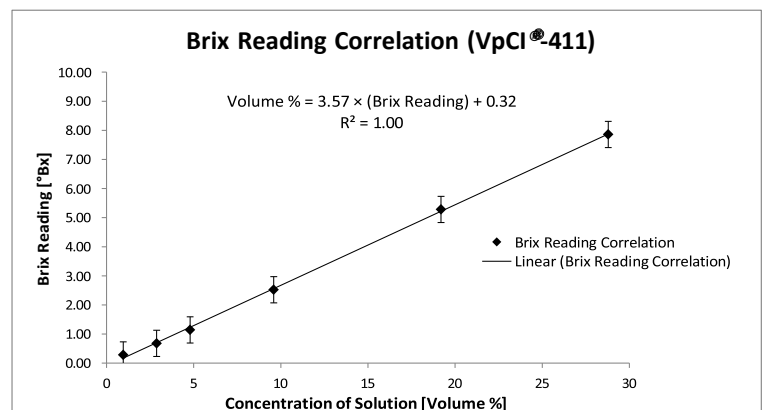
VpCI®-411 DILUTION RATIO CHART

	Volume VpCI®-411 (US) per gallon water	Volume VpCI®-411 (Metric) per liter water	Dosage (%)
Light Cleaning	6.4 ounces (~3/4 cup)	50ml	5
Medium Cleaning	12.8 ounces (~1.5 cups)	100ml	10
Heavy Cleaning	25.6 ounces (~3 cups)	200ml	20

PACKAGING AND STORAGE

VpCI®-411 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. Shelf life of the product is 12 months.

Minimum storage temperature: 32 °F (0 °C)
Maximum storage temperature: 120 °F (49 °C)



Please note the solutions used above were created using deionized water. Slight differences in water chemistry (dissolved solids, hardness, etc.) may lead to differences in readings. Please use these numbers as reference only. Contact Cortec® Technical Service with any questions

**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.

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