



VpCI[®]-418 L / VpCI[®]-418 LM Heavy Duty Alkaline Cleaners



DESCRIPTION

VpCI-418 L/418 LM are non-foaming, heavy-duty alkaline cleaner/degreasers for cleaning industrial, oil field, commercial and marine equipment. VpCI-418 L/418 LM are designed for power washing machinery, high agitation parts washers, and high-pressure spray washers.

VpCI-418 L/418 LM are non-flammable, nitrite-free, non-toxic, and do not present disposal problems associated with most phosphate cleaners.

VpCI-418 L/418 LM contains inhibitors to protect metal parts from corrosion after cleaning. They have a unique ability to remove difficult deposits such as heavy hydrocarbons, greases, drawing and buffing compounds, and mill and machinery oils.

FEATURES

- Heavy-duty alkaline cleaner and degreaser with unique cleaning action for removing hydrocarbon deposits
- Nitrite- and amine-free
- Contains an inhibitor package for multimetal protection

- Requires mechanical action to be effective
- Leaves no residual film and will not affect paint adhesion qualities
- Prevents flash rust
- Safe to use on glass and most plastics
- Non-foaming
- VpCI-418 LM is silicate free, giving the maximum surface cleanliness after cleaning

EFFECTIVE USES

- Machinery, engine blocks, or forgings coated with grease or oil deposits
- Plate, sheet metal, and metal castings covered with oily films prior to painting or pickling
- Metal parts contaminated with stamping, drawing, or buffing compounds
- Pressure washing

APPLICATION

VpCI-418 L/418 LM can be applied using power washers and sprayers.

Mix VpCI-418 L/418 LM into water until fully dissolved. Take pH and refractometer measurements to establish benchmark readings.

RECOMMENDED DILUTIONS

Light cleaning:

Use 3-5% (by weight) VpCI-418 Liquid or VpCI-418 LM in water.

Normal cleaning:

For machinery, rail cars, offshore equipment, and tanks contaminated with medium deposits, use 5-7% (by weight) VpCI-418 Liquid or VpCI-418 LM in water.

Heavy-duty cleaning:

For drilling mud, grease, crude, bilges, concrete surfaces, and structures, use 7-10% (by weight) VpCI-418 L/418 LM in water.



Steam cleaning:

Use 3-5% by weight VpCI-418 L/418 LM in water.

Temperature range:

VpCI-418L/418LM are recommended for use in temperatures ranging from 95°-160°F (35°-71°C).

PROPERTIES

VpCI-418 LM

Appearance	Yellow to amber clear liquid
pH	10.0-10.5 (1% aqueous)
Density	8.6-8.8 lb/gal (1.03-1.05 kg/l)

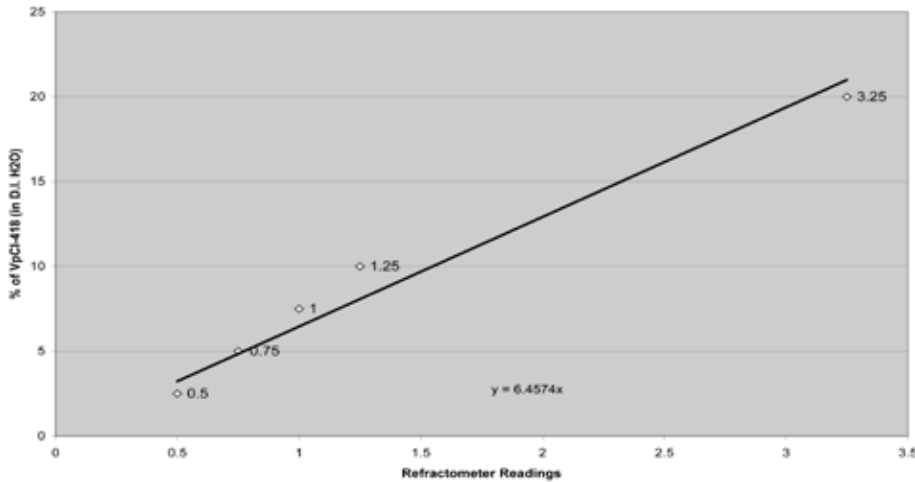
VpCI-418 Liquid

Appearance	Slight hazy yellow liquid
pH	11-12 (1% aqueous)
Non-volatile Content	8-12%
Density	8.8-9.0 lb/gal (1.07-1.08 kg/l)

PACKAGING

VpCI-418 LM and VpCI-418 Liquid are available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk.

Figure 1. The refractometry readings for VpCI-418 dilutions.



*Multiply Refractometer reading by Refractometer index to determine concentration.

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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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@cortecvci.com
Internet http://www.cortecvci.com