Editorial Contact: Shannon Garrow sgarrow@cortecvci.com
Cortec® Advertising Agency: (651) 429-1100 Ext. 1128

Company Contact: Jay Zhang jzhang@cortecvci.com
Cortec® Corporation (651) 429-1100 Ext. 1150

Technical Contact: Ming Shen mshen@cortecvci.com
Cortec® Corporation (651) 429-1100 Ext. 1166

Attention: Editor
September 26, 2017
PRODUCT RELEASE

Cortec® R&D Creates Superior Reformulation of VpCI®-340 CLP with Extremely Low Freezing Point!

Through persistent efforts, Cortec® R&D has developed a superior reformulation of VpCI®-340 CLP for cleaning, lubricating, and protecting purposes. The upgraded formula has undergone extreme testing to ensure top quality product performance geared toward the demands of military standards. The result of seeking to meet extremely high standards was a CLP product with better corrosion protection, excellent lubricity, and the stability to maintain viscosity at extremely low temperatures.

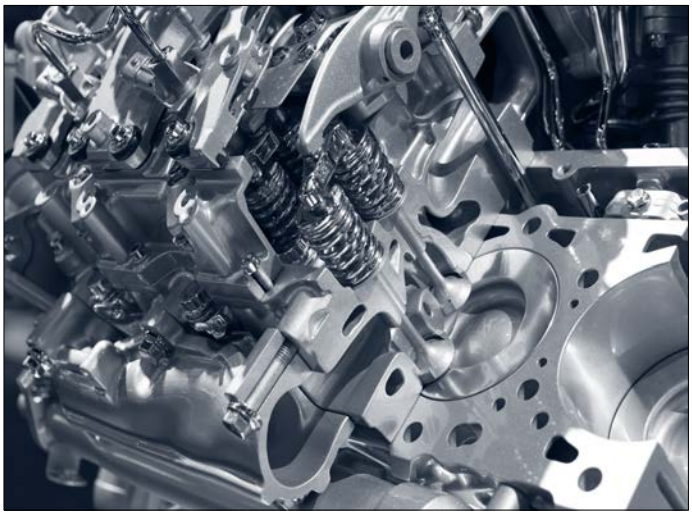
VpCI®-340 CLP is formulated to provide exceptional cleaning, lubrication, and protection to both small and large caliber weapons. It can also be used in many other situations where lubrication and protection against corrosion is needed. The product leaves a thin film which dramatically reduces friction and wear

under load while still offering corrosion protection in humid and saline conditions. VpCI®-340 CLP is designed to loosen dirt, firing residue, and wear debris—a capability essential to the operation and maintenance of firearms.

VpCI®-340 CLP can be used in a wide array of commercial and industrial applications:

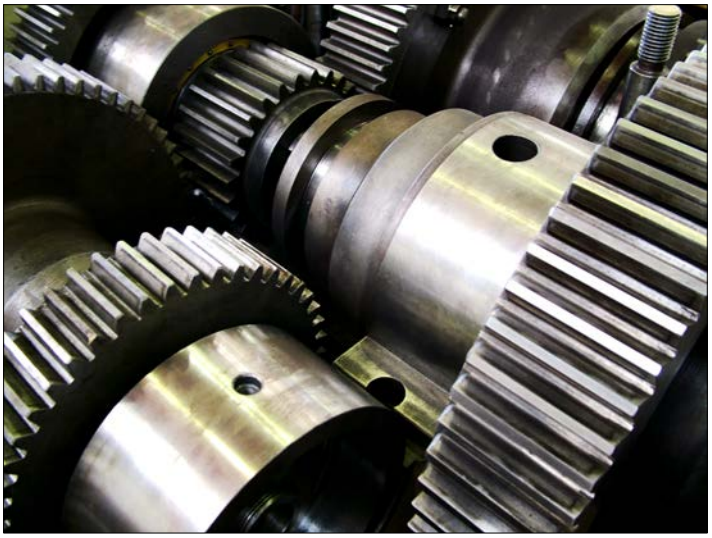
- Firearm maintenance and storage
- Lubrication and protection of machines and other equipment
- Temporary coatings for storage and shipment

With the exceptional lubrication and corrosion protection offered by VpCI®-340 CLP, moving parts can be cleaned, lubricated, and protected in both indoor and outdoor operations. VpCI®-340 CLP can be applied by spray, dip, or brush for up to 24 months of protection.



The low pour point and high flash point of VpCI®-340 CLP allows it to be used in a variety of relatively high and low temperature situations. Whether lubricating weapons that will experience the friction and heat of firing, or solving the problem of a squeaky door in Alaska or Antarctica, VpCI®-340 CLP has many useful applications. In addition to forming a superior lubricating film, VpCI®-340 CLP loosens organic and inorganic residue, helping to penetrate through and clean the dirt or debris off the surface of the firearm, machinery, or other metal parts. It also has excellent water displacing characteristics.

The reformulated VpCI®-340 CLP meets and exceeds many common test requirements for CLP-type products. For example, VpCI®-340 CLP surpassed one test requirement for 90 hours of ASTM B117 salt spray chamber testing by 30 additional hours and surpassed another test requirement for 900 hours of ASTM D1748 humidity chamber testing by more than 1200 hours. Corrosion testing on multiple metals such as steel, copper, zinc, aluminum, magnesium, and cadmium showed only microscopic corrosion at an exponentially smaller amount than required.



Cortec® R&D went to great lengths in order to ensure a high-quality reformulation of VpCI®-340 with excellent CLP qualities. Through hard work and persistence, Cortec® has brought VpCI®-340 CLP to a level of superior performance for military and industrial users who have important cleaning, lubricating, and protecting needs.


VpCI® METALWORKING PRODUCTS

VpCI®-340 CLP

TYPICAL APPLICATIONS

TYPICAL PROPERTIES

PRODUCT DESCRIPTION

STANDARD TEST METHODS

FEATURES

CORTEC

To learn more about Cortec's VpCI®-340 CLP, please visit:
https://www.cortecvci.com/Publications/PDS/VpCI-340_CLP.pdf

To learn more about Cortec's innovative metalworking products, please visit: **https://cortecvci.com/index2.php**

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