

# Military



QC Lubricants  
7360 Milnor Street  
Philadelphia, PA 19136  
215-333-2000  
CAGE CODE 9Y364

## Product Overview

Tectyl® formulates many products to meet unique military specifications. For example, these five grades of rust preventives, ranging from oils to waxes, are especially suited for protection of a wide variety of vital components – from highly machined parts to rough or heavy castings – during shipment and storage. For performance that merits military approval, you can count on Tectyl!

## Specs At A Glance

MIL-PRF-16173 Rust Preventives					
	891 Class I	502C Class I	894 Class I	846 Class I	511M Class I
<b>Typical Applications</b>	Protection of non-precision parts, general purpose rust preventative for indoor and outdoor storage	Extended undercover or indoor storage of exterior surfaces	Protection of precision machined equipment in covered storage and during shipment	Protects external surfaces in extended undercover, indoor or limited outdoor storage	Protection of industrial parts and transportation components in covered storage and during shipment
<b>Description</b>	Grade 1 Solvent cutback, firm film, black asphaltic compound	Grade 2 Solvent cutback, semi-firm, amber, transparent film	Grade 3 Solvent cutback, semi-firm, amber, translucent dry film	Grade 4 Solvent cutback, firm, amber, transparent dry film	Grade 5 Solvent cutback, semi-firm, oily, light amber, translucent film
<b>Flash, PMCC*, Minimum</b>	106° F	106° F	106° F	106° F	106° F
<b>Density, Weight/Gallon @77° F</b>	7.5 ± 0.1 lbs./gallon	7.2 ± 0.1 lbs./gallon	7.2 ± 0.1 lbs./gallon	7.3 ± 0.1 lbs./gallon	7.2 ± 0.1 lbs./gallon
<b>Volatile Organic Content (VOC), Maximum</b>	3.4 lbs./gallon	3.2 lbs./gallon	3.3 lbs./gallon	3.4 lbs./gallon	4.1 lbs./gallon
<b>Cure Time</b>	24 hours	24 hours	24 hours	24 hours	24 hours
<b>QPL Ref Number</b>	16173-94	16173-94	16173-94	16173-94-1	16173E-94-1

MIL-PRF-16173 Rust Preventives					
	891 Class II	502C Class II	894 Class II	846 Class II	511M Class II
<b>Typical Applications</b>	Protection of non-precision parts, general purpose rust preventative for indoor and outdoor storage	Extended undercover or indoor storage of exterior surfaces	Protection of precision machined equipment in covered storage and during shipment	Protects external surfaces in extended undercover, indoor or limited outdoor storage	Protection of industrial parts and transportation components in covered storage and during shipment
<b>Description</b>	Grade 1 Solvent cutback, firm film, black asphaltic compound	Grade 2 Solvent cutback, semi-firm, amber, transparent film	Grade 3 Solvent cutback, semi-firm, amber, translucent dry film	Grade 4 Solvent cutback, firm, amber, transparent dry film	Grade 5 Solvent cutback, semi-firm, oily, light amber, translucent film
<b>Flash, PMCC*, Minimum</b>	106° F	106° F	106° F	106° F	106° F
<b>Density, Weight/Gallon @77° F</b>	7.7 ± 0.1 lbs./gallon	7.3 ± 0.1 lbs./gallon	7.2 ± 0.1 lbs./gallon	7.4 ± 0.1 lbs./gallon	7.1 ± 0.1 lbs./gallon
<b>Volatile Organic Content (VOC), Maximum</b>	2.8 lbs./gallon	2.8 lbs./gallon	2.8 lbs./gallon	2.8 lbs./gallon	2.8 lbs./gallon
<b>Cure Time</b>	24 hours	24 hours	24 hours	24 hours	24 hours
<b>QPL Ref Number</b>	16173-94	16173-94	16173-94	16173-94-1	16173E-94-1

\*PMCC: Penske Martin Closed Cup