

Military



QC Lubricants
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CAGE CODE 9Y364

Product Overview

Military equipment and component parts need to be perfectly protected so that, even during lengthy shipment periods, under the most severe climatic conditions, they will arrive at their destination without any evidence of corrosion. Corrosion rates are low when the air is clean and the relative humidity is below 70%. However, once this critical limit has been exceeded, severe corrosion can occur. Damaged packaging, air pollution, saline spray and even fingerprints accelerate the corrosion process.

Tectyl® products prevent rust and can actually penetrate existing rust and significantly retard the corrosion process. For this reason, Tectyl is widely in use in military applications.

Specs At A Glance

	Tectyl® Products For Military Applications							
	275	435D	437D	517	518	802A	859B	900
Military Specification	MIL-C-15074E	MIL-C-11796 Class 1 & 1A	MIL-C-11796 Class 3	A-A-59295 Type 1 & 2	A-A-59295 Type 1	MIL-PRF-3150	MIL-PRF-46002C	MIL-PRF-32033
Typical Applications	Used in automotive and aeronautical industries to suppress fingerprints	Hot-application rust preventive compound for long-term protection of machined parts in indoor and outdoor storage	Hot-application rust preventive compound for long-term protection of machined parts in indoor and outdoor storage	Rust proofing for the underbody and enclosed areas of new and fielded motor vehicles and trailers	Rust proofing for the underbody and enclosed areas of new motor vehicles and trailers	Protection of interior gear assemblies, transmissions, and differentials	Volatile corrosion inhibitor, used as a preservative in enclosed systems	General purpose low and ambient temperature lubricating oil. For use on field artillery
Description	Ultra-light transparent oil	Firm, waxy transparent amber film	Semi-firm transparent amber film	Dry film is black and semi-firm	Dry film is translucent and semi-firm	Lubricating oil and corrosion preventive	Lubricating VCI oil	Water displacing low-viscosity lubricating compound
Flash, PMCC*, Minimum	142° F	350° F	350° F	105° F	105° F	330° F	275° F (COC**)	275° F
Density, Weight/Gallon @77° F	7.2 ± 0.1 lbs./gallon	7.4 ± 0.1 lbs./gallon	7.6 ± 0.1 lbs./gallon	7.8 ± 0.1 lbs./gallon	7.9 ± 0.1 lbs./gallon	7.6 ± 0.1 lbs./gallon	7.3 ± 0.1 lbs./gallon	7.3 ± 0.1 lbs./gallon
Specific Gravity @60° F	0.86	0.88	0.91	0.94	0.95	0.93	0.89	0.90
Volatile Organic Content (VOC), Maximum	4.7 lbs./gallon	Non-volatile	Non-volatile	3.7 lbs./gallon	3.8 lbs./gallon	<1 lbs./gallon actual exempted	0.9 lbs./gallon	<1 lbs./gallon actual exempted
QPL Ref Number	AR-20-85	M-6179 M-6172	M-6154	N/A	N/A	L-6571	N/A	LP-7050

*PMCC: Penske Martin Closed Cup **COC: Cleveland Open Cup