

UNITED OIL COMPANY

Quality Industrial Lubricants Since 1906

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UNITED FERRO GARD 1009

(MIL-P-46002 JIS K 2246)

Product Data Sheet

Product Description:

United Ferro-Gard 1009 is a light lube oil based premium quality vapor – phase corrosion inhibited oil designed for the protection of ferrous and non-ferrous metals.

United Ferro-Gard 1009 is balanced between barrier type corrosion protection and additive based corrosion protection. Barrier protection involves simply preventing moisture (water) from reaching the steel surface of the coil. This is provided in **United Ferro-Gard 1009** by the base oil and the water displacing additive.

Once barrier protection is established, additional protection is also needed for damaged areas of the barrier film e.g. scratches, nicks, uneven application and from stain and oxidation. As such, **United Ferro-Gard 1009** contains non-staining, acid neutralizing film formers, polar additives, water displacers, and anti-oxidants.

Typical Physical Properties:

Appearance	Green liquid
Viscosity @ 100° F	2.948 - 19.422 mm ² /s
Flash Point, COC	295° F (146° C)
Pour Point. ° C	- 44
Specific Gravity @ 60° F	0.915

Independent Laboratory Test Result:

Salt Spray Test Life	ASTM B 117	24 Hours
Humidity Chamber Test	ASTM D 1748	60+ days
	PASS	
Water Displacement Test	JIS K 2246	Pass
Protection Properties (Indoor)	Estimation	6 Month