



Product Bulletin

PENN-GRADE™ RP 150

***PENN-GRADE™* RP 150 Rust Proofing Oil** is a soft film type rust preventative formulated with unique additives to impart excellent water displacement and fingerprint neutralizing properties. It is ideally suited to provide protection against metal corrosion and rusting under mildly corrosive conditions in covered storage, packaged shipment, or inter-process handling.

***PENN-GRADE™* RP 150 Rust Proofing Oil** is a low viscosity oil that contains *PENN-GRADE™* base oils, solvent, anti-misting agent and a unique combination of rust-preventive additives. The solvent, which provides ease of application, evaporates and a thin highly protective oily film remains to protect the metal surface. This product's metal wetting properties are designed to displace the water from the surface and allow it to drain off. Additionally this product neutralizes acids left from fingerprints which helps prevent staining that would normally occur. This product's unique water displacing and fingerprint neutralizing properties make it an excellent choice for a rust preventative oil in various inter-process applications.

***PENN-GRADE™* RP 150 Rust Proofing Oil** should be applied to clean surfaces to provide maximum protection. Apply product by brushing, spraying, or dipping. Complete coverage is essential. Dipping is the most effective method of application, in which case excess product should be allowed to drain off. This product is ideally suited for steel sheeting, bearings, and highly machined surfaces under relatively mild conditions of storage, shipment, or handling. It is suitable for indoor protection only and will typically provide 24 months of protection.

BRAD PENN®

***PENN-GRADE™* RP 150 Rust Proofing Oil – Typical Properties**

Product Code	Test Method	9001
Gravity, API	ASTM D-4052	46.6
Density, lbs/gal (g/L)	Calculated	6.62 (793)
Viscosity, cSt @ 40°C	ASTM D-445	1.7
Pour Point, °F (°C)	ASTM D-5949	-113.8 (-81)
Flash Point, TAG, °F (°C)	ASTM D-56	114 (46)
Humidity Cabinet, hrs.	ASTM D-1748	1440+

+Panels were removed from the cabinet without failure



AMERICAN REFINING GROUP, INC.

77 North Kendall Avenue • Bradford, Pennsylvania • 16701
Phone: 814.368.1200 • Fax 814.368.1219 • www.amref.com • ISO 9001:2008