

PENETRATING OIL 1 SAFEGARD



SPRAY
LUBRICATION



Penetrating Spray Lubricant and Cleaner.

APPLICATIONS

- **PENETRATING OIL 1 SAFEGARD** is a high quality, penetrating spray lubricant and rust buster. It is primarily recommended for disassembling rusted bolts and nuts, removing bearings, couplings, pulleys, gears, etc. which have become corroded on their shafts.
- **PENETRATING OIL 1 SAFEGARD** displaces moisture and penetrates quickly. It frees rusted parts and protects the threads while being disengaged.

SPECIFICATIONS

- Meets government specification VV-P-216.

ADVANTAGES

- Displaces moisture.
- Penetrates quickly.
- Excellent rust buster.
- Pleasant odor.
- Safe for all metal surfaces.
- Low surface tension.
- Outperforms competitive products.

TYPICAL CHARACTERISTICS	METHODS	PENETRATING OIL 1 SAFEGARD
Appearance	Visual	Clear Amber Liquid
Viscosity at 100°F, SUS	ASTM D 445	29.8
Flash Point, COC, °F	ASTM D 92	100 min.
Density @ 60°F, lbs./gal.	ASTM D 1298	6.74
Specific Gravity @ 60°/60°F	ASTM D 1298	0.808
Surface Tension, dynes/cm ²		26.4
Interfacial Tension, dynes/cm ²		23.4

TEST: Competitor's challenge--This is called the chase test. Place a drop of **PENETRATING OIL 1** on a clean metallic surface. A short distance away, place a drop of competitive penetrating oil. Watch how quickly the **PENETRATING OIL 1** pushes the other oil off the surface, indicating the wetting and displacing properties of the **PENETRATING OIL 1**.

The SAFEGARD spray system is environmentally friendly because it uses no ozone depleting agents as propellants. A rubber bladder system and air pressure forces the lubricant out delivering a fine continuous spray that can even be sprayed upside down.

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