

CRC PENETRATING OIL + MoS₂

Ref. : 10230

1. GENERAL DESCRIPTION

Quick acting penetrating and lubricating oil.

A no compromise penetrating product that attacks rust and corrosion, penetrating through oxides and soil to free corroded fasteners and mechanical components. Its low surface tension formulation quickly disperses rust, scale and corrosion, aiding disassembly of close tolerance fasteners and assemblies. Penetrating Oil + MoS₂ is based on a refined paraffinic oil, inhibitors and contains MoS₂ solid lubricant for reduced wear.

2. FEATURES

- Penetrates into hard-to-reach areas quickly.
- Disperses rust, scale and other oxides.
- Frees metal parts seized by dirt, rust, corrosion or dried-up greasy deposits.
- Eases quick disassembly of mechanical components, fittings, assemblies, nuts and bolts and other close tolerance fasteners.
- Leaves a solid lubricating MoS₂ film.
- Reduces wear and facilitates future disassembly.
- Lowers maintenance costs.
- Reduces scrap rate of seized parts.
- Does not contain silicones.
- Safe for all metals and for most plastics and rubbers (if in doubt, on-the-job testing prior to use is advised).
- Aerosols are equipped with the 360° (upside-down) spray valve and extension tube for added convenience.
- Aerosols are pressurised with non-flammable CO₂ propellant, giving an active product content of over 97%.
- Specifications :
 - meets the requirements of VV-P-216B.
 - authorised for military applications NSN 9150-13-113-7341.

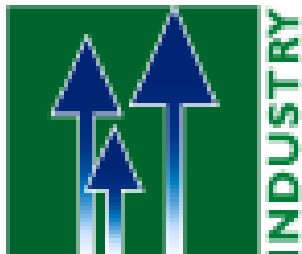
3. APPLICATIONS

- | | |
|------------------------------------|--------------------------|
| • Seized and rusted nuts and bolts | • Valves |
| • Locks and hinges | • Air tools |
| • Screwed parts | • Chains and conveyors |
| • Equipment disassembly | • Agricultural equipment |
| • Corroded fasteners | |



Manufactured by :
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4. DIRECTIONS

- Apply liberally, saturating problem areas. Use extension tube for hard-to-reach areas.
- Allow a few minutes for penetration; tap joint lightly to aid penetration.
- Repeat if necessary for stubborn joints, fasteners and assemblies.
- If necessary, to be removed by CRC Fast Dry Degreaser or CRC Industrial Degreaser.
- A safety data sheet (MSDS) according EU directive 93/112 is available for all CRC products.

5. TYPICAL PRODUCT DATA (without propellant)

Appearance	: blackish-grey liquid
Specific gravity (@ 20°C)	: 0,82
Flash point (Tag Closed Cup)	: 75°C
Pour point	: < -50°C
Surface tension (@ 20°C)	: 26 mN/m
Horizontal spread(25 µl, 24 h, @20°C)	: 90 cm ²
Solvent dissipation (@ 20°C, thin film)	: 2-4 h
Film properties (after evaporation of solvent)	
Specific gravity (@ 20°C)	: 0,88
Dynamic viscosity (@ 20°C)	: 52 mPa.s
Solid lubricant content	: 0,6% wt
Solid lubricant particle size	: 90% below 1 µm; max. 3 µm

6. PACKAGING

aerosol :	12 x 300 ml
bulk :	4 x 5 l
	20 l

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com.

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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