



**NANO<sup>®</sup>**  
**LUBRICANT**

## TECHNICAL DATA SHEET

**2025**

# SUPER PENETRATING OIL

**WATER-RESISTANT AND ANTI-CORROSIVE DE-SEIZER, LUBRICANT AND CLEANER**

### DEFINITION

Super-penetrating de-seizer and rust reducer, with RAPID phosphate coating action from new nanoparticle technologies, particularly NANOLUBRICANT<sup>®</sup>.

### ADVANTAGES

- Works very quickly
- Wets, penetrates, cleans and lubricates in a single step
- Performs difficult de-seizing without damaging threading
- Provides a water-repellent and phosphate coating
- Does not contain silicone
- Improved anti-rust, anti-corrosive (creates a film that inhibits corrosion) and anti-wear properties

### APPLICATION FIELDS

Difficult de-seizing. Particularly suited for unblocking seized assemblies: bolts, nuts, screws, threads, waterworks rods, pulleys and mountings requiring usage of an effective de-seizer. Produces a phosphate coating on parts, and lubricates very well over several months. Perfectly water-resistant, it provides effective and long-lasting protection regardless of environmental humidity levels surrounding treated parts. Marine environments, cement works, petrochemicals, agriculture, military, aerospace, etc.

### TECHNICAL CHARACTERISTICS

Aspect ..... dark clear liquid  
Odour ..... faint  
Nature of additives ..... NANOLUBRICANT<sup>®</sup>  
Density at 20°C ..... 0.825  
Flash point ..... > 60°C

### INSTRUCTIONS FOR USE

Shake well before use. Apply generously to blocked parts, allow the product to penetrate between the surfaces, and unblock easily.

ORAPI<sup>®</sup> cannot know about every application for which the products are used nor their conditions of use. ORAPI<sup>®</sup> cannot be held responsible for the suitability of the products for a given use or a specific purpose. The information contained here can on no account be a substitute for the preliminary tests which are essential and must be carried out to check the suitability of the product to each specific case.

**NANOLUBRICANT<sup>®</sup>: the high-performance technology.  
Reduces loosening effort and increases productivity.**

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**STORAGE**

Store in closed original packaging away from sources of ignition and in a well-ventilated area.

**PACKAGING**

650 ml aerosol ref. 42025A4

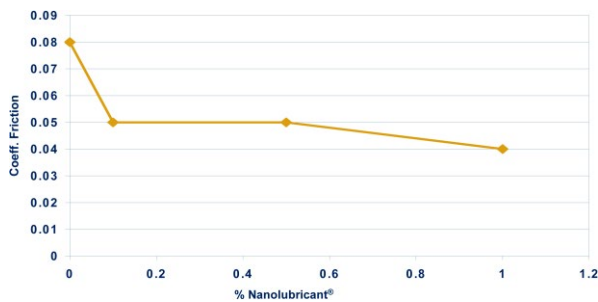
**PROOF FROM TESTING**

This product was developed based on research and the results obtained by the Ecole Centrale de Lyon – LTDS and the INS Laboratory on Nano-particles.



	STANDARD	PENETRATING OIL MoS2 or TEFLON PENETRATING OIL	NANOLUBRICANT 2025
Torque to be applied to disassemble a seized assembly	60 N.m	40 N.m	8 N.m
Time needed to remove a seized tank lid, attached with 50 screw nuts	6 hours	4 hours	< 2 hours

**Loosening torque drop-off**



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