

# NPO

## HIGH-TECH PTFE LUBRICANT

- Universal and transparent lubricant.
- PTFE grains produce a ball-bearing effect.
- Unique lubrication at both low and high temperatures (-50°C to 250°C).
- Strong penetrating capacity, even penetrates rust.
- Extends lubrication intervals, resists heavy loads and is suitable for fine mechanisms.
- Sals, water and weather resistant.
- Does not attack rubber, lacquer or synthetic material.
- Extends lubrication intervals, resists heavy loads and is suitable for fine mechanisms.
- Does not attract impurities or dust.
- Free of silicones.



## NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Novatio is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Novatio products provide, relates only to the standard conditions of sale of this product. In no case Novatio can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

# NOVA PTFE OIL

## GENERAL INFORMATION

NOVA PTFE OIL is a white-transparent lubricant, based on high quality mineral oil and round, micron PTFE (Poly Tetra Fluorine Ethylene) grains, which fill the lubrication film and have a ball-bearing effect with a good adhesion. PTFE has the lowest coefficient of friction of all solid materials.

NOVA PTFE OIL assures a professional and unique lubrication at high (250°C) and at low (-50°C) temperatures.

NOVA PTFE OIL does not dry out, melt or freeze and has high water-resistant qualities.

NOVA PTFE OIL has a strong penetrating capacity, even in rust and loosens up fixed parts.

NOVA PTFE OIL is neutral, protective and anticorrosive. NOVA PTFE OIL prevents wear and is both suitable for heavy loads and fine mechanisms.

NOVA PTFE OIL has a neutral PH-value and does not attack synthetic materials, metals or rubbers.

NOVA PTFE OIL decreases lubrication intervals thanks to its durable and remarkable lubrication performances and therefore it is money-saving.

## Technical Information

Composition: high quality mineral oil and 5-microns PTFE-grains; contains EP (Extreme Pressure)-additives and anticorrosive and water-resistant components.

Viscosity: a little thixotrope.

Colour: transparent / white.

Application temperature: -50°C to 250°C.

4 Ball EP-Test (ASTM D 25%): 350 kgf.

4 Ball Wear-Test (ASTM D 2266): < 0,4 mm.

PH Factor: neutral.

Chemical resistance: resists to salt, aggressive vapours, sea air and weather influences; resists to weak acids and caustic solutions.

Shelf life: 12 months, keep dry, cool and frost-proof.

Safety measures: consult the Safety Data Sheet.

## APPLICATION AND USE

### • INDUSTRY:

for the efficient, longer and energy-saving operation of all moving parts, such as : conveyor belts and rails, electric pumps, cables, gear wheels, chains, rotary geared pumps, (axial) plunger pumps, (role) bearings, lift mechanisms, winches, rollers, wrapping machines, mills, Teflon chain belts, turning and milling machines, lawn mower, precision parts, loom machines, punching and stamping machines, sewing machines, scaffolding, sliding windows, spindles, jibs, mortar mixer, valves, coupling nuts, axles, weapons, mortars, installations in wood, metal and synthetic material industry, printers, mining industry, horticulture, aerospace industry, etc.

### • AUTOMOTIVE:

cars, motorbikes, bicycles, agricultural mechanics, navigation, transport, ... : lubricating open chains, conductors and hinges, window and door mechanisms, chair rails, aerals, locks, conductors for open roofs, pneumatic hatches, container doors, excavators, cranes, sliding from ships, swivel pins etc.  
 NOVA PTFE OIL is appropriate for metal/metal as well as plastic/plastic lubrications or combinations of these.

Article nr	Name	Content	Section
N231131	Nova PTFE Oil	400ml	LUBRICANTS
N231135	Nova PTFE Oil	5l	LUBRICANTS

