

Technical Data

MouseMilk Penetrating Oil (Green)



Description

MouseMilk Penetrating Oil (Green) was developed in 1968 and especially formulated for the aerospace industry. MouseMilk is composed of a series of gum and resin solvents with overlapping boiling points, compounded with a high pressure- temperature lubricant. This provides high penetration in hard to reach places giving relief and lubrication. MouseMilk will dissolve rust, relieve friction and resist oxidation.

MouseMilk Properties

Active ingredients will creep into areas between parts and carry the light penetrating oil deep into the rusted and corroded areas. MouseMilk will dissolve the rust and allow frozen bolts

and studs to be removed reducing breakage common when removing exhaust driven components. MouseMilk dissolves gum and “coke” deposits, which often cause turbo wastegates to stick closed during operation.

Color - Brown liquid with a slight green tint.

Odor - It has a distinctive toluene solvent odor

MouseMilk contains no sulfur, diesel fuel, kerosene, carbon tetrachloride, soap, harmful acids or corrosive materials.

Performance Properties

Testing in accordance with Boeing D6-17487 Rev. R Material, Immersion Corrosion tests. Result – Conforms

Testing in accordance with Boeing D6-17487 Rev. R Solvent, General Cleaning Sandwich Corrosion Test – Conforms
Paint Softening Test – Confirms
Hydrogen Embrittlement Test – Conforms
Stress Corrosion Cracking – Conforms

Testing in accordance with F1111 Corrosion of low Embrittling Cadmium Plate. Results – Conforms

MouseMilk Application

Frozen Studs and Bolts – Apply MouseMilk to the threads near the frozen fastener. Allow MouseMilk about 15 minutes to penetrate into crevices and loosen parts. For best

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results warm fastener before applying MouseMilk (Warm to smoke point of product, do not expose to direct flames)

Wastegates – Apply to wastegate shaft while wastegate is warm to the touch. Apply enough to ensure MouseMilk can creep into shaft bearing. Wipe off any excess, on engine startup some smoking will occur. MouseMilk will clean off deposits that cause valve to stick.

For ground equipment add several ounces to the engine oil to breakdown internal deposits. Cleans engine interior and helps maintain smooth operation.

Apply to hinges to eliminate squeaks and locks to improve operation especially in cold climates. Apply to control cables to clean and smooth cable operation.

Storage information

Store MouseMilk in an area not exposed to direct sunlight. After exposure to light MouseMilk will develop a brown tint. The color change does not affect the product effectiveness. For best shelf life store in an area that does not exceed 80°F (27°C). Keep container closed when not in use. If left open airborne particles will contaminate the product and the volatile ingredients will dissipate rapidly. MouseMilk will become ineffective as penetrating oil after 30 days if left open.

Health Precautions

This product is safe to use and apply when recommended precautions are

followed. Before using this product, read and understand the Safety Data Sheet, which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations.

For industrial use only. Keep away from children.

MSDS and additional information can be found at: www.mousemilk.com