

Introduction

SealXpert® Moly GN Paste is a solid lubricant paste for the assembly and running-in of metal components.

Features:

- High pressure-absorption capacity
- Low coefficient of friction
- Prevents frictional corrosion and scoring
- Protection from stick-slip
- Good anti-corrosion properties
- Reduces frictional corrosion
- Simplifies dismantling processes
- High surface covering capacity

Typical Applications

- Press-fit production of all types of machine elements, as a running-in lubricant for new machines and gear-boxes.
- Permanent lubrication of machine elements that are moved only rarely or slightly and also for drilling, sawing and thread cutting.
- Used successfully for lubricating threaded spindles, splined shafts, toothed gears, worm and transmission gears, screws, valves, pumps, machine-tool guides and also for the tightening and fitting of roller bearings, washers, wheels, flanges and bolts.

Typical Properties

	Typical Value
Colour	Black
Unworked penetration	280-310 mm/10
Density at 20°C	1.35 g/mm
Service Temperature ⁽¹⁾	-25°C to 450°C with reduced air access 630°C
Load-carrying capacity, wear protection, service life:	
Four-ball tester	
Weld load	2800 N
Wear scar under 800N load	0.75 mm
Almen-Wieland machine	
OK Load	>20000 N
Frictional force	2600 N
Coefficient of friction:	
Press-Fit test $\mu =$	0.08, no chatter
Screw test: Erichsen ⁽²⁾	
Screw test - μ thread	0.12
Screw test - μ head	0.06
Water resistance, static, evaluation	2 - 90

1. Temperature resistance of solid lubricants.
2. Coefficient of friction in bolted connection, M12, 8.8, on blackened surface.

Disclaimer: The information contained herein is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.

Direction for Use

Clean the sliding surfaces or contact areas, then apply paste with a brush, cloth, synthetic sponge or window leather. Do not use in excess as with grease lubrication. Vigorous rubbing into metal surface will improve adhesion. Do not mix with greases or oils.

Safety and Handling Consideration

Keep away from children.
Do not breathe spray or mist. Avoid contact with eyes and skin. Wear Proper protective equipment.
Use with adequate ventilation.
Do not store with oxidizing agents.
In case of contact with skin, wash with water and soap.
In case of contact with eyes, rinse with clean water immediately. Get medical attention if irritation develops and persists.
See Material Safety Data Sheet for complete information.

Recommended Storage:

Stored in a cool and dry location in unopened containers at 8~28°C.
When stored at or below 20°C (68°F) in the original unopened containers this product has a usable life of 60 months from the date of production.