

# Special Purpose No Melt Grease Special for industry

**Bardahl Special Purpose No Melt Grease** is an industrial grease for use where the properties of a high melting point are needed.

## The problem

Ordinary greases become soft at high temperatures, caused by high revs, warm space or continuous service under adverse conditions. These conditions require a special heat-resistant grease.

## How it works

**Bardahl Special Purpose No Melt Grease** is a light industrial Betonite grease with the typical temperature range between ( ) and ( ). It is insensitive to all types of temperature changes, adheres to metals and is water resistant. This is not soap-based, but clay-based composite fat capable of complying excellently within the above temperatures in rooms with high temperatures, at high speeds or continuous service, in short: under very unfavorable conditions. 0°F-18°C 400°F 204°C

- **Heat stability** of **Bardahl Special Purpose No Melt Grease** is far superior to any other soap-based grease, and it can also be pumped at low temperatures.
- **Stability during operation** are extremely good.
- **Dropping point** is far above that of oils, which are used in fat production.
- **Tendency to bleed** is significantly less than with soap fat or of similar solidity, the oil will not bleed too quickly at high temperatures.
- **Corrosion effect** on copper is negligible, any occurrence is due to contaminants.
- **Adhesion** to metal is almost 100% of 80° - 200° F (25° - ) measured by .m.v. writing rotation method. 95°C
- **Wear characteristics** are similar to the best soap-based products.
- **Resistance to water** is extremely good, it will absorb water, but will not lose its solidity, nor be broken down by hydrolysis

## Analysis data

Test	Results
NLGI Grade	2
Worked Penetration	278
Unworked Penetration	278
Oil Flash Point	480°F (249°C)
Oil Pour Point	0°F (-18°C)
Water Washout at 175°F (80°)	geen
Oil Viscosity Index	43
Oil Viscosity 100°F SUS	1556
Oil Viscosity 40°C	336 Cst
Oil Viscosity 210°F (99°C) SUS	88
Oil Viscosity 100°C) Cst	17.5
Rust Test ASTM D-1743	3 fail
Copper Strip ASTM D-130 (3 hours at 210°F)	1a
Oxidation stability (PSI loss in 100 hours)	7
Dropping Point	500°F + (260°C+)



**Note:**

**Bardahl Special Purpose No Melt Grease** contains special ingredients and should **NOT** be mixed with other greases.

**Article number** 74204

**Content** 400 gr

**Article number** 74255

**Content** 5 kg

**Article number** 74282

**Content** 20 kg

**Article number** 74285

**Content** 50 kg