

Poly S2 Grease

Bardahl POLY S2 Grease is a new generation of poly-synthetic grease, formulated with a fully synthetic gel provided with synthetic and paraffin base oils. POLY S2 is a grease with a very long service life that can withstand high temperatures and heavy loads.

Properties

- Resistant to wear due to oxidation (the ASTM D 3336 Test shows that it lasts 5 times longer than a lithium-based grease).
- Resistant to extreme loads (400 kg at 4 ball test).
- Resistance to extreme loads, shocks, vibrations, etc.
- Can be used from -30°C to +170°C.
- Resistant to peaks of + 200°C.
- Excellent resistance to water and aggressive chemical products.
- Excellent for very fast rotations: up to 12,000 rpm.
- Makes cold start easier thanks to a liquid base oil.
- Compatible with synthetic and natural gaskets.

Applications

Bardahl POLY S2 vet wordt speciaal aanbevolen voor het smeren van:

- All types of industrial bearings that operate at medium speeds to high loads.
- Bearings of electric motors and fans.
- Industrial bearings at high temperatures (up to 180°C).

Technical data

Test	Resultaten
Kleur	Bruin
NLGI Grade	2
Penetration 60 HITS at 30°C	265/295
Gelling agent	Synthetic poly-urea
VISCOSITY OF BASE OIL at 40°C	100 mm ² /s
VISCOSITY OF BASE OIL at 100°C	12,3 mm ² /s
4 Ball test Welding Print	≥ 400 kg ≤0,5 (40kg/1H)
Max temp.	≥ +220°C
Ndm Factor	500 000
LEASHING TEST (D3336)	≥ 2500 hours at 100°C and 10000T/mn
ANTI RUST Emcor test	0
ASTM Test D 1264	≤2,75%

Articlenumber 31700
Content 400 gr

Articlenumber 31705
Content 50 kg

Articlenumber 31706
Content 185 kg