

POLY S2 GREASE

BARDAHL POLY S2 GREASE is a new generation poly-synthetic grease formulated with a fully synthetic gelling agent, synthetic and paraffinic base oils.

POLY S2 is a long-lasting grease, resisting high temperatures and heavy loads.

I. PROPERTIES

Thanks to its synthetic components, BARDHAHL POLY S2 grease has an outstanding efficiency for:

- ✓ Resistance to wear resulting from oxidation (the ASTM D 3336 Test shows that it lasts 5 times longer than a lithium-based grease).
- ✓ Resistance to extreme working conditions (400 kg at 4 ball test).
- ✓ Resistance to extreme loads, shocks , vibrations, ...
- ✓ Can be used from - 30°C to + 170°C. Resists to peaks of + 200°C.
- ✓ Resistance to water leaching and aggressive chemical products.
- ✓ Resistance to very rapid rotations: 12 000 rpm.
- ✓ Makes cold start easier thanks to a fluid base oil.
- ✓ Can be perfectly blended with other types of standard soap.
- ✓ Compatible with synthetic and natural water tightness gaskets.

III. TECHNICAL DATA

NLGI GRADE	2	The penetration test measures the consistence of a grease.
PENETRATION 60 HITS AT 30°C	265/295 107	
GELLING AGENT	Synthetic poly-urea	New generation of synthetic gelling agent offering a very high resistance to: -heat -water and chemical products -heavy loads, shocks and vibrations
VISCOSITY OF BASE OIL AT 40°C AT 100°C	100 mm ² /s 12,3 mm ² /s	The viscosity of oil is measured with a viscometer.
DROP POINT	≥ +220°C	Poly S2 grease can be used from -30°C to +170°C.
Ndm FACTOR	500 000	Poly S2 grease is suitable for very rapid rotations.
AGING ASTM (D3336)	≥ 2500 hours at 100°C and 10000 rpm.	Poly S2 is a long-lasting grease: -A standard lithium complex grease lasts max. 500 hours



		-A high temperature bentone grease lasts max. 1000 hours.
4 BALL TEST Welding Print	> 400 kg ≤0,5 (40kg/1H)	Poly S2 is strengthened with antiseize and antiwear protection
ASTM D1264 LEASHING TEST	≤2,75%	80°C water is sprayed in a bearing for one hour.
ANTI RUST Emscor test	0 (excellent)	Best score (no corrosion)

II. AVAILABILITY

BARDAHL POLY S2 GREASE is available in:

400gr cartridge	Case of 12 cartridges	Reference 1700
200gr tube	Case of 12 tubes	Reference 1701
1kg pail	Case of 12 pails	Reference 1702
4,5 kg pail	Case of 4 pails	Reference 1703
16 kg bucket	UNIT	Reference 1704
50 kg drum	UNIT	Reference 1705
185 kg drum	UNIT	Reference 1706