

URS GREASE

**POLYUREA / SEMI-SYNTHETIC BASED / MODIFIED SILICONES
HIGH TEMPERATURES / LONG TERM**

VERSION 1 - SEPTEMBRE 2019

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CHARACTERISTICS

• Colour	light yellow
• Consistency (NLGI consistency number)	2
• Base oil viscosity (mm ² /s - ASTM D 445)	110
• Dropping point (°C)	>260 °C
• Operating temperature (°C)	-20° C / + 180
• Load capacity (kg/mm ²)	800
• Maximum speed (speed factor ndm)	300 000
• Penetration at 25 °C (1/10 mm ASTM D 217)	265-295
• Insoluble in cold or hot water	

USE

- URS Grease is a very-high-performance grease that can be used in a broad range of temperatures from -20 to + 180 °C, from small bearing to bigger ones.
- URS Grease is particularly suitable for long term lubrications under heavy loads and up to an operating temperature of 180° C (above 180° C more frequent lubrication is required).
- URS Grease works great in case of looseness and for equipments under important vibrations, because of its high stability.
- URS Grease, which has a consistency number 2, can be used for centralized lubrication, for manual lubrication, and for enclosed gear.
- Thanks to its wide range of use and its exceptional durability performances, URS grease can replace several special greases, or can reduce the frequency of lubrications, if not avoid them at all, decreasing significantly the maintenance costs of an equipments fleet.

MISCIBILITY

- Thanks to its polyurea thikener based formula, Urs Grease is not compatible with greases formulated with other thickeners (Calcium soap,



Lithium soap, Bentone...). A dismantling and a complete cleansing should be done if such greases have been used previously.

ADVANTAGES

- As a result of its composition based on semi-synthetic oils, polyurea thickeners and GDA® modified silicones, URS Grease has a high load capacity and a high-temperatures resistance, and also an exceptional durability, decreasing significantly the maintenance costs compared to an ordinary grease.
- Its modified silicones formula gives it a high lubricant power (extreme pressure lubrication : GDA® technology (antiseizing/anti-friction).
- The affinity of modified silicones for metal surfaces gives it exceptional anticorrosive properties.
- URS Grease keeps a suitable consistency even under strong mechanical load (up to a speed factor of 300 000) and a high temperature, does not pour, does not harden and adhere tightly to metal surfaces.

PRECAUTIONS FOR USE

- Under normal conditions of use URS Grease is not harmful and only general precautions for industrial lubricants are required for its handling.

PACKAGING

- 1 and 5 kg tins
- 25, 50 and 200 kg barrels
- Boxes containing 50 cartridges (400g each)
- REF 345 - - -

The content of this technical sheet is aimed at giving you advices. It does not imply any commitment on our part.

TECHNICAL DATA

