WS 2020 G/85

Grease

Technical Data Sheet

Description

High Performance H1 Synthetic Grease + PTFE

WS 2020 G/85 is a 100% synthetic base grease with additives that enhance its properties for long-term lubrication in harsh environmental conditions.
Formulated with a high-temperature resistant inorganic thickener. Contains PTFE.
Suitable for use in the food, pharmaceutical and cosmetic industries.

Features

- Working temperature range from -25 to +200ºC. It can withstand temperatures exceeding 250ºC without losing its structure with frequent relubrication.
- Excellent adhesion and resistance to cold and hot water, salt water and vapour.
- Protects against corrosión.
- Very high resistance to aging and shear. Prevents the formation of gummy residues.
- High resistance against load-bearing and extreme pressure.

Applications

- Chains.
- Slide guides.
- Cables.
- Long-term lubrication in harsh working conditions: high temperatures, humidity, vapours, high loads and pressures. Thanks to its properties, it allows for extended lubrication intervals.
- Bearings and plain bearings operating at medium speeds in harsh environmental conditions up to a speed factor of approximately 500.000 (Speed factor: Bearing average diameter in mm x speed in rpm).
- Especially suitable for use in granulators, bearings in ovens, dryers, sterilisers, food packaging plants, warehouses, fruit and vegetable production plants, textile finishing plants, wastewater treatment plants, port equipment, ships, etc.

How to use

- Closed bearings should be filled to a maximum of half their capacity.
- Avoid mixing with other types of grease whenever possible.

R-300-73 Ed. 1.0

Whale Spray S.L
P.I. Ametlla Park.
L'Ametlla del Vallés.
08480 · Barcelona, Spain.
T. : +34 93 882 77 12
whalespray@whalespray.com

WS 2020 G/85

Grease

Technical Data Sheet

Certifications/Specifications

- **H1 Certified** for use in the food industry: suitable for incidental contact with food in processing areas.
- ISO-L-XBGIB 2.

Technical Data

Feature	Unit	Typical Value	Norm
Reference	----	**WS 2020 G/85**	----
Appearance	----	Grease	----
Colour	----	White translucent	----
Base Oil	----	Synthetic	----
Penetration at 25ºC	mm x 10^{-1}	280	ASTM D-217
NLGI	----	2	----
Operational temp. range	ºC	-25 a +200	----
Drop point	ºC	Does not have	ASTM D-566
Resistance to water at 80ºC	%	1	ASTM D-1264
Welding load, 4-balls	Kg	160	ASTM D-2596
Corrosion in bearings	----	1-1-1 (without corrosion)	ASTM D-1743
Consistency loss	mm x 10^{-1}	-33	ASTM D-1831

R-300-73 Ed. 1.0

Whale Spray S.L
P.I. Ametlla Park.
L'Ametlla del Vallés.
08480 · Barcelona, Spain.
T. : +34 93 882 77 12
whalespray@whalespray.com

Todos los datos contenidos en este documento están basados en la experiencia y en las pruebas de laboratorio. La amplia gama de equipos y condiciones ambientales, así como los factores humanos imprevistos pueden influenciar de forma más o menos apreciable en los resultados de la aplicación. Por este motivo le aconsejamos compruebe la compatibilidad del producto antes de su utilización. Esta información está basada en experiencias fiables, pero es meramente indicativa.