

Description

High-Performance Multifunctional Grease

WS Star Grease is a new-generation, high-performance grease with excellent lubricating and anticorrosion properties, enabling significant rationalisation of greases in service. It can replace all types of lithium, complex lithium, lithium molybdenum disulphide and calcium greases, being 100% compatible with all of them.

It has exceptional resistance to both fresh and salt water and a high dropping point.

WS Star Grease guarantees fail-safe lubrication and very significant savings in grease consumption, resulting in:

- A marked reduction in waste.
- A significant increase in machine uptime.

Features

- Exceptional mechanical stability in the presence of water compared to greases with lithium and calcium thickeners.
- Its high performance allows the grease to retain its consistency, thereby limiting losses and reducing consumption.
- Excellent resistance to washout, ensuring that lubrication performance remains intact.
- Exceptional adhesion and sealing properties that prevent contaminants from entering the bearing or mechanism to be lubricated.
- Excellent AW and EP properties, enabling it to withstand shocks and very high loads without the lubricating film breaking down.
- Very high natural protection against rust and corrosion.
- Very good oxidation resistance, resulting in low ash formation and long service life.
- Withstands a wide temperature range from -22°C to 180°C.
- Extends lubrication intervals to twice the duration compared to a lithium grease.
- Extends lubrication intervals by 25% compared to a complex mineral grease.
- Contains an extra pack of anti-friction additives and solid ceramic.

Applications

WS Star Grease is mainly used as a lubricant under extreme load and shock conditions and under severe mechanical stress in very humid or dry but contaminated environments. Ideal for heavy industry sectors: paper mills, cement works, steelworks, etc. Lubrication of:

- Bearings
- Chains
- Guides
- Cables

How to use

- Shake the aerosol for at least 1 minute.
- Empty the can after use:
 1. Press the nozzle with the can upside down for a few moments.
 2. Continue until only gas is expelled.

This will remove grease from the nozzle and tube, preventing any blockages when you next use the spray.

Technical Data (Without Propellant)

Specifications	Unit	Typical Value	Standard
Description	----	WS Star Grease	----
Appearance	----	Grease	----
Colour	----	Cyan	----
Base Oil	----	Semi-synthetic	ASTM D-128
Thickener	----	Special	ASTM D-128
Penetration at 25°C	mm	283 x 10	ASTM D-217
NGLI	----	2	ASTM D-128
Operating temperature	°C	-22 a 180	----
Drip point	°C	>300	ASTM D-566
Freezing point	----	----	----
Weld load	kg	>700	IP-239
Solids	----	Boron nitride	----
Salt spray corrosion test	hours	>1.000	ASTM B-117
Water wash 1h/180°C	%	1,5	ASTM D-1264
Corrosion protection	----	Pass	ASTM D-1743
Wear 1h/40kg	kg	0,53	IP-239

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