



Paste ASLA

High performance anti seize and conductive paste

Description

Paste ASLA is intended specifically for the lubrication of threaded joints under very severe operating conditions. Thanks to its superior electric conductivity it is also perfectly suitable for the lubrication of connectors in high voltage applications. The lubricating film that Paste ASLA builds will avoid metallic adherence, micro welding, pitting and seizing. Thanks to its superior anticorrosive capacity it will also avoid oxidative build-up on the sliding surface of moving parts as a result of electric conductivity.

Paste ASLA plus shows much better suitability at humid environments, especially with salt water. This grade is particularly suitable for windmills – especially those at sea - and offshore applications where it offers extended protection from corrosion.

Applications

- Threaded joints subject to high pressures and temperatures
- Threaded joints subjected to high torques
- Drilling head screws
- High voltage electrical connectors
- Connectors and electrical devices requiring a conductive lubricant with high anticorrosive capacity
- Mounting paste

Benefits

- High thermal stability
- Superior behaviour to high pressures and high temperatures
- High electrical conductivity
- Excellent resistance to (sea) water
- High sealing capacity
- Wide range of operating temperatures (-25 to 140 °C), dry lubrication up to 1100 °C



Typical performance data

	ASLA	ASLA plus
Colour	Metal grey	
Thickener	Lithium	
Base oil type	Mineral	
Base oil viscosity @ 40 °C, cSt	300	
Penetration @ 25 °C, x 0,1 mm	290-320	
NLGI consistency	1-2	
Dropping point, °C	>180	
Solids type	Several	Several
Solids content, %	>30	>30
Dynamic viscosity, mPa.s	4000-6000	4000-6000
Oil separation, 7 days/40 °C, %	5	5
Water washout, 40 °C, %	2	2
4-ball wear test		
• Welding load, kg	>700	>700
• Wear scar dm, 1'180°C, mm	0,5	0,5
Corrosion on metals, 8'/140 °C		
• Steel	Nil	Nil
• Aluminium	Nil	Nil
• Copper-aluminium	Nil	Nil
SRV test: 250 N/1mm/20 Hz/50 °C/1hour /ring-plate:		
• Friction coefficient minimum	Max 0,075	Max 0,075
• Friction coefficient maximum	Max 0,180	Max 0,180
• Friction coefficient final	Max 0,075	Max 0,075
Service temperatures, °C	-25 – 140	-25 – 140
Peak temperature (dry), °C	1100	1100

All performance data on this Technical Data Sheet are indicative only and can vary during production

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