

## ANTI-SCUFF PASTE STANDARD, 845 & 868

The 3 **Spanjaard Anti-Scuff Pastes** in our range all contain a high percentage of MoS<sub>2</sub>.

They are all used for the assembly of moving parts to prevent scuffing and scoring when running in and to provide initial lubrication before an elastohydrodynamic lubricating film can be formed.

In addition, they are used for the pre-treatment of large open gears prior to conversion to Open Gear Lubricant 1279.

The load-carrying capacity of MoS<sub>2</sub> is in excess of 2 750 Mpa (400 000 psi). No fluid lubricants are capable of withstanding such high loads.

The different properties of the 3 **Spanjaard Anti-Scuff Pastes** are highlighted in the table below.



<b>Typical Properties</b>		<b>Standard Grade</b>	<b>845</b>	<b>868</b>
Worked penetration 1/10mm		285	280	295
MoS <sub>2</sub> particle size		0,7µ Av.	0,7µ Av.	0,7µ Av.
Drop point °C		180	>200	210
Base		Petroleum	Petroleum	Synthetic
Thickener		Lithium	Lithium	Lithium Complex
<b>Applications</b>				
Complies with Lubricant for		-	Mil-M-7866	Mil-M-7866
	: Phosphor-bronze bearings	Yes	Yes	No
	: Assembly of engines & assembly of all moving parts for bedding-in without scuffing or scoring.	Yes	Yes	Jet Turbine / Turbo charger's nuts & bolts
Pre-treatment of				
	: Plain bearings	Yes	Yes	Yes
	: gears	Yes	Yes	Yes
	: piston rings	Yes	Yes	Aircraft
	: cams	Yes	Yes	Yes
	: Lathe centres	Yes	Yes	No
Anti-Seize for				
	: Nuts and bolts	Yes	Yes	Aircraft
	: cocks	Yes	Yes	-
	: screw threads (refrigerants systems)	Yes	Yes	-
	: press fittings	Yes	Yes	Yes
	: turbine studs	Yes	Yes	Aircraft
Operating Temperature Range				
	: Lower, °C	-20	-20	-73
	: Upper, °C	150	200	120
Contents of smallest pack		700 g	500 g	500 g
Bigger pack sizes available on request.				

## **845**

This product is manufactured in compliance with DTD 5617; NATO Code S722 and Joint Services Designation ZX-38

## **868**

This product is specifically used in the assembly of jet turbines using synthetic oils. It is a feature of this product that the base will slowly evaporate above 250°C without oxidising, leaving behind the lubricating film.

Approved as an anti-seize compound on nuts and threads/studs in the higher temperature zone of the ABB turbo chargers.

### **HANDLING AND STORAGE**

Store under cover with lid closed, away from vibrating floor.

### **PACKAGING**

As shown above,  
5kg Tin and larger on Request

*CP/mg/Anti-Scuff Paste – May 2016*

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**Certified as an  
ISO 9001 Manufacturer  
by the SABS**

**Manufacturers & Distributors of  
Special Lubricants & Allied Chemical  
Products**

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