



# BROSIA XPERF PLUS WSC 2

## NLGI 2

HIGH-PERFORMANCE GREASE

### APPLICATIONS

BROSIA XPERF PLUS WSC 2 is a highly advanced grease formulated with a calcium sulfonate complex soap thickener, delivering outstanding load-carrying capacity. It is specifically designed for severely loaded applications.

It is intended for the general lubrication of mechanical components operating under extreme conditions, including heavy loads, shock loading, and high mechanical stress, particularly in humid environments and at low to medium speeds.

BROSIA XPERF PLUS WSC 2 is suitable for extended relubrication intervals across a wide range of applications, including industry, transportation, and construction equipment.

### PERFORMANCES

**Classification:** ISO 12924 : ISO-L-XCDIB 2  
DIN 51502 : KP2N-30

### CUSTOMER BENEFITS

#### Water Resistance • Load Carrying Capability

- Excellent mechanical stability, even in the presence of water
- Outstanding resistance to water washout, ensuring sustained lubrication performance
- High load-carrying capacity
- Exceptional durability of the lubricating film, even under severe operating conditions

### CHARACTERISTICS

	Method	Units	Values
<b>NLGI grade</b>	-		2
<b>Thickener type</b>	-	-	Calcium sulfonate complex
<b>Base oil type</b>	-	-	Mineral
<b>Colour</b>	Visuel	-	Brown
<b>Texture</b>	Visuel	-	Smooth
<b>Dropping point</b>	ASTM D 2265	°C	>280
<b>Base oil viscosity at 40°C</b>	ASTM D 445	mm <sup>2</sup> /s	290
<b>Worked penetration (60 strokes)</b>	ASTM D 217	0,1 mm	265-295
<b>Emcor (salt water)</b>	ISO 11007	-	<1-1
<b>Water washout (16 h / 80°C)</b>	ASTM D1264	%	<10
<b>Four-ball weld load</b>	ASTM D2596	Kg	>600
<b>Operating temperature range</b>	-	°C	-30 à 140

The values listed above are typical values provided for guidance only.

