

## SIORT 4259b OPEN GEAR GREASE

*BENTONE GREASE – NLGI 1*

### PRODUCT DESCRIPTION

**SIORT 4259b Open Gear Grease** is a high-performance grease with strong resistance to heavy loads and high temperatures.

### APPLICATION

- NLGI 1 grade soap free infusible grease formulated with organophilic bentone and many solid lubricants such as copper, zinc and graphite.
- Has excellent resistance to acidic and basic chemicals, oxidation and oil separation. This grease is water-insoluble, effectively protects against corrosion, and has enhanced extreme pressure and anti-wear properties.
- Addition of solid additives ensures good lubrication under high load when thermal stresses are high.
- The long service life of this grease reduces lubrication rates. The grease Recommended for the greasing of bearings and open gears working under high loads and at high temperature. Applications in industries such as metallurgy, quarries and mines, and sugar mills.

### PERFORMANCES

- Excellent resistance to water, oxidation, high loads and high temperatures
- Very good chemical resistance
- Operating temperatures: -10°C to +200°C

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## TYPICAL PHYSICAL CHARACTERISTICS

Characteristics	Units	Typical value	Standard
Nature of the thickener	-	Inorganic	-
Color	-	Black	-
Aspect	-	Smooth	-
NLGI Grade	-	1	-
Viscosity of the base oil at 40°C	mm <sup>2</sup> /s	250-350	DIN ISO 3104
Pour Point	°C	<-10	NF T 60 105
Unworked Penetration (25 °C)	0,1 mm	310-340	DIN ISO 2137
Dropping Point	°C	Sans	IP 396
Content of solid lubricants	%	>35	
Oil Separation	%	<4	NF T 60 191
4-Ball, Weld load	Kg	800	DIN 51 350
4-Ball, Wear scar (40 Kg, 1 h)	mm	0,83	DIN 51 350

## PACKAGING

- Lube shuttle Cartridge: 400g (carton of 12 and 24 units)
- Pails: 18kg
- Drums: 180kg

## SAFETY

Refer to the Material Safety Datasheet

**Disclaimer:** The information provided in this Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Contact us

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