



**BANTLEON**

## Technical Information

### GLEITBAHNOEL SZ 9853

#### Use

Lubrication of die sets and precision guide units.

GLEITBAHNOEL SZ 9853 can also be used for the lubrication of ball and roller guides.

#### Description

Modern, demulsifying guideway oil with excellent anti-stick-slip properties.

The product concept particularly takes into account the concerns of metal/plastic sliding pairings.

In addition, GLEITBAHNOEL SZ 9853 can also be used as a multi-purpose oil for the lubrication of machine tools. Details of the qualification (see below) and manufacturer's instructions are to be observed.

Specification / Qualification
Lubricating oil CGLP according to DIN 51 502
ISO 12925-1, ISO 6743-6 CKC
ISO 11158, ISO 6743-4 HG

#### Safety and Environment

Lubricants must not enter the sewage system, soil or ground water. Used lubricants and empty containers must be disposed of in compliance with local requirements and environmental standards.

For further information about safety and health, please see our Material Safety Data Sheet.

If you have any further questions, please contact your technical advisor.  
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Characteristics	Test method	Unit	GLEITBAHNOEL SZ 9853
Viscosity class	DIN ISO 3448	ISO VG	68
Density at 15 °C	DIN 51 757	kg/m <sup>3</sup>	879
Kin. viscosity at 40 °C	DIN 51 562	mm <sup>2</sup> /s	68
Kin. viscosity at 100 °C	DIN 51 562	mm <sup>2</sup> /s	9.0
Viscosity index	DIN ISO 2909	VI	106
Flash point COC	DIN EN ISO 2592	°C	> 220
Pour point	DIN ISO 3016	°C	≤ -21
Operating temperature range *)			10 °C to 80 °C

\*) The above mentioned information on the operating temperature range is based on viscosity specifications for use at 400 mm<sup>2</sup>/s to 15 mm<sup>2</sup>/s.  
Deviating manufacturer's specifications regarding system components with regard to the permissible minimum/maximum viscosity and the permissible oil temperature must be observed.

The technical data represents average values and is subject to normal production and raw material fluctuations. A binding legal validity cannot be construed from this data. The right to data discrepancies as a result of product and process changes or further developments remains reserved and such can occur without prior information. Variations in color may occur and, in general, do not constitute a product defect.

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