



Aral Deganit BWX 220

Adhesive oil type CGLP

Applications:

Aral Deganit BWX 220 has an outstanding demulsifying behavior and a distinct adhesion ability. This combination prevents mixing with water miscible cutting fluids. High-quality additives prevent extrusion and/or washing off of the lubricating film during use with water miscible cutting fluids. Thus so-called stick slip movements (reversed slip) are avoided even with high loads, which can impair and in extreme cases determine the tool slide working accuracy.

Special characteristics of Aral Deganit BWX 220 are the constant glide behavior, the outstanding adhesion (for horizontal and vertically guide ways), good wear protection as well as the excellent corrosion protection and aging resistance.

Operational area:

Aral Deganit BWX 220 is suitable for lubrication of guideways and guides on tool machines. This product is especially suitable for plastic coated guideways. With use of Aral Deganit BWX 220, possible swelling of the plastics won't occur like they can with use of conventional, non-demulsifying guideway oils. Especially recommended is the use of Aral Deganit BWX 220 as a guideway oil in combination with the water-mixable cutting fluids of the Aral Sarol series.

Technical Data

ISO-VG		DIN 51519	220
Colour		DIN ISO 2049	2,5
Density			
15 °C	g/ml	DIN 51757	0,893
Viscosity			
40 °C	mm ² /s	DIN 51562	218
100 °C	mm ² /s	DIN 51562	18,8
Flash point COC	°C	DIN ISO 2592	260
Pourpoint	°C	DIN ISO 3016	-12
Neutralization number	mg KOH/g	DIN 51558-1	0,50
Corrosiveness			
on copper	Korr. Grad.	DIN EN ISO 2160	1 - 100
on steel	Korr. Grad.	DIN ISO 7120	0 - A

Remarks:

All data is subject to development for the product and the production process.

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