

Technical Data Sheet

Texol Coolsyn™ VZF D -15 BRG

Water-miscible high performance cooling lubricant

Product Description

- Based on mineral oil
- Long-term stable
- With a high content of polar additives
- With EP additives

As the product does not contain any secondary amines, there is no danger of Nitrosamine formation according to our present knowledge.

Furthermore, **Texol Coolsyn™ VZF D -15 BRG** is inhibited against the formation of nitrosamines, which means that even if there are any secondary amines and nitrites, no stable nitrosamines can be formed. Therefore, in case of exceeding the limit value for nitrite according to TRGS 611, it is not necessary to make a partial or complete change of the emulsion.

Applications and Uses

Texol Coolsyn™ VZF D -15 BRG is suitable for most difficult metal cutting operations involving steel, cast and aluminium.

The necessary operational concentration depends on the difficulty of the processing and the material to be worked.

Working concentration

Depending on the kind of treating 5 – 10 %

Texol Coolsyn™ VZF D -15 BRG is dermatologically tested. TEWL (transepidermal loss of water) and Epicutan test confirm good skin compatibility.

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Typical Properties

Property (Unit)	BRG 15	Method
Density at +15 °C	995	DIN 51757
Viscosity @20°C, cSt	40	DIN 51562
Ph value (5 %)	9.1	DIN 51369
Cast iron chips test (1:20)	0	DIN 51360/T2
Mineral oil content %	40	
Correction factor for determination of the concentration: Refractometer	1.1	

Technical Expertise

Texol experts on Texol Coolsyn™ VZF D -15 BRG lubricant is regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.