

Technical Data Sheet

Texol Coolsyn™ VZF D -15 ULTRA

Ultra high performance water-soluble cooling lubricant

Product Description

- Based on synthetic anionic and non-ionic lubrication components as well as very effective corrosion inhibitors
- 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 ULTRA** 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 ULTRA is suitable for most difficult metal cutting operations involving steel, cast iron, aluminium and non-ferrous metals. It can be used up to most difficult operations.

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 2 – 8 %

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

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Typical Properties

| Property (Unit) | ULTRA | Method |
|----------------------------------------------------------------------------|-------|--------------|
| Density at +15 °C | 1050 | DIN 51757 |
| Ph value (3 %) | 9.6 | DIN 51369 |
| Cast iron chips test (%3) | 0 | DIN 51360/T2 |
| Ester content % | 25 | |
| Correction factor for determination of the concentration: Refractometer | 1.48 | |

Technical Expertise

Texol experts on **Texol Coolsyn™ VZF D -15 ULTRA** 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.