

Technical Data Sheet

Texol Cutsyn™ VZF D - RCE Series

Emulsifiable high performance synthetic cutting oils

Product Description

- Low viscous high performance cutting oil
- Based on fully synthetic polyalphaolefins and fatty acid esters
- With sulphur and phosphorus containing additives zinc-free technology
- With outstanding EP/AW/CI behaviour, oxidation and corrosion inhibiting properties
- Free of chlorine and ash-free performance

Applications and Uses

Texol Cutsyn™ VZF D-RCE, emulsifiable synthetic cutting and grinding fluid delivers exceptional long life production output performance and product finish quality over very long production runs, and at high feed rates. This industry-beating formulation provides trouble-free machining on a range of difficult materials, including aluminium alloys and copper alloys, and a very wide range of ferrous metals, where dimensional precision and surface finish are critically important.

Working processes, e.g turning, milling, drilling but also thread cutting, deep-hole drilling and reaming and creep-feed grinding can be handled without any difficulty. Very good results are achieved especially in chip removing operations of titanium alloys of any kind.

The low viscosity guarantees a high cooling and rinsing effect.

Typical Properties

Property (Unit)	RCE 02	RCE 03	RCE 05	RCE 08	RCE 15	Method
Density at +15 °C	820	825	835	850	860	DIN 51757
Viscosity @40°C, cSt	2.24	3.45	5.11	8.60	15.9	DIN 51550
ISO Viscosity Grade	02	03	05	08	15	DIN 51519
Flash Point, °C	>170	>175	>180	>185	>190	DIN ISO 2592
Pour Point, °C	-32	-30	-30	-28	-28	DIN ISO 3016

Technical Expertise

Texol experts on Cutsyn™ VZF D-RCE series lubricants are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.