

## Technical Data Sheet

### Texol Cutsyn™ VZF D - RCS Series

High performance synthetic cutting oils

#### Product Description

- Non-water-miscible, low viscous high performance cutting oil
- Based on fully synthetic polyalphaolefins
- 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-RCS, 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 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)	RCS 05	RCS 10	RCS 15	RCS 22	RCS 32	Method
Density at +15 °C	865	868	873	880	892	DIN 51757
Viscosity @40°C, cSt	4.96	9.87	15.1	24.58	33.15	DIN 51550
ISO Viscosity Grade	5	10	15	22	32	DIN 51519
Flash Point, °C	>210	>210	>210	>225	>230	DIN ISO 2592
Pour Point, °C	-32	-30	-30	-28	-28	DIN ISO 3016

#### Technical Expertise

Texol experts on Cutsyn™ VZF D-RCS 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.