



Texol Cutsyn™ TFAS Series

Technical Data Sheet

Texol Cutsyn™ TFAS Series

Ultra high performance cutting oils

Product Description

- Non-water-miscible, low viscous high performance cutting oil
- Based on aliphatic hydrocarbon low in aromatics and mist formation with TFAS additives
- Contains native and synthetic fatty components
- With sulphur and phosphorus containing additives zinc-free technology
- With outstanding EP/AW behaviour, oxidation and corrosion inhibiting properties
- Free of chlorine and ash-free performance

Applications and Uses

Texol Cutsyn™ TFAS series cutting oil, especially developed for machining stainless, acid and heat-resisting steel, titanium and non-ferrous metals.

Texol Cutsyn™ TFAS series used for many cutting operations of machining steels, case hardened and heat treated steels, high alloyed rust and acid resistant steels as well as for non-ferrous heavy metals and light alloys. Suitable for milling, hobbing, drilling, turning, automatic turning, threading, tapping, broaching, reaming and sawing can be handled without any difficulty. Also suitable for high-speed machines like Escomatic.

The low viscosity guarantees a high cooling and rinsing effect.

Texol Cutsyn™ TFAS series are dermatologically tested. An Epicutan test confirms the good skin compatibility.

Texol Cutsyn™ TFAS Series oils are not recommended for use with copper and its alloys due to its aggressiveness towards these softer yellow metals.

Typical Properties

Property (Unit)	T05	T08	T10	T15	T22	T32	Method
Density at +15 °C	865	868	870	882	885	889	DIN 51757
Viscosity @40°C, cSt	6	8.7	12	17.7	22.8	32.4	DIN 51550
Sulfur, Active	1.8	1.8	1.8	1.8	1.8	1.8	DIN 51519
Flash Point, °C	>160	>165	>168	>170	>180	>190	DIN ISO 2592

Technical Expertise

Texol experts on CUTSYN™ TFAS 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.