



STRUB Vulcan Futura CF GtL 10, 15, 22, 32

New and innovative cutting oil series from STRUB based on Gas to Liquid (GtL) technology

Description

The STRUB Vulcan Futura CF GtL 10 - 32 cutting oil series is based on the fully synthetic, highest purity base oils of Gas to Liquid (GtL) technology. GtL are synthesized from natural gas. Due to the high purity base and the synergistic additive combination, STRUB Vulcan Futura CF GtL 10 - 32 products are characterized by best performance. Low evaporation and a high flash point create a safe and pleasant workplace. STRUB Vulcan Futura CF GtL 10 - 32 are free of heavy metals, chlorine and zinc.

Application

STRUB Vulcan Futura CF GtL 10 - 32 cutting oils are used for operations such as turning, milling, drilling up to thread forming and thread cutting are used for free cutting steel, aluminum, non-ferrous metals, difficult-to-machine chrome steels (implant steel) up to titanium alloys.

Features and advantages

- synthetic base oils, synergistically acting additives
- very low evaporation - little misting in the machine room
- Very good wash-off behavior - No deposits in the machine room and on the tools
- High flash point - Safety in production
- skin-friendly, thanks to high-purity base oils
- oxidation stable - extended service life
- excellent air release properties - no foam at high pressure
- increased tool life
- highest economic efficiency
- excellent workpiece surfaces - high dimensional stability
- little change in pressure-viscosity behavior - optimized and constant production

Technical data

STRUB Vulcan Futura			CF GtL 10	CF GtL 15	CF GtL 22	CF GtL 32
Art. No.			33434	33436	33437	33438
Color			yellow	yellow	yellow	yellow
Transparency			clear	clear	clear	clear
Density at 20°C	ASTM D 4052	[g/cm ³]	0.860	0.846	0.852	0.857
Viscosity at 40°C	ASTM D 445	[mm ² /s]	10	15	22	32
Flash point	COC	[°C]	171	174	186	190
Copper corrosion (3 h @ 100 °C)	ASTM D 130		1b	1b	1b	1b

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 12 01 07

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