



Product Data

Castrol® VARIOCUT C 838

Chlorine Replacement Cutting and Grinding Oil

Description

Castrol VARIOCUT C 838 is a medium viscosity, low misting cutting and grinding oil based on the latest generation of hydro-treated base oils and new chlorine free additive technology. VARIOCUT C 838 is a versatile general purpose machining and grinding oil for ferrous metals, stainless steels and aluminum alloys and is a good choice for combination operations such as multi-spindle automatics and turret lathes. VARIOCUT C 838 utilizes inhibited sulfur technology which improves compatibility with copper and brass applications and is a good choice for multi purpose machines.

Application

- Milling
- Drilling
- Tapping
- Grinding

Advantages

- Chlorine-free technology with machining results comparable to chlorine containing products.
- Superior additive and hydro-treated base oil technology leads to extremely high cutting efficiency, increased tool life and improved surface finish.
- Medium viscosity provides good wetting, cooling, and flushing characteristics
- Good filtering characteristics and high oxidation stability increase sump life.
- Inhibited sulfur technology improves yellow metal compatibility.
- High flash point and low odor improve workplace environment.

Characteristics

	Unit	Test Method	Value
Appearance	-	CN-TM-074	Clear amber fluid
Specific Gravity	@ 60° F (16° C)	CN-TM-084	0.89
Viscosity	SUS @ 100° F (38° C)	-	200
Flash Point	COC, °F	CN-TM-039	375°F
Copper Corrosion	-	ASTM 130	1b
Chlorine	-	CN-TM-012	No
Fat	-	MW-TM-321	Yes
Sulfur	-	CN-TM-096	Yes
Active Sulfur	-	CN-TM-151	Inhibited

User Advice

VARIOCUT C 838 is recommended for the machining of aluminum, stainless steels, high nickel, and other aerospace alloys. Consult your Castrol Sales Engineer for questions regarding compatibility.

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