

RILCO Cut 570

Base oils for RILCO Cut 570 are highly selected premium grade refined stocks. The organic diluent and carrier for the chlorine has exceptional wetting and penetrating characteristics to insure an effective flow of the coolant to the chip-tool interface.

RILCO Cut 570 has a high chlorine content that is stable, effective and provides needed anti-welding and extreme pressure characteristics. Other additives are compounded into the base to give excellent machining characteristics at all cutting speeds, and under heavy-duty conditions. In addition, a special anti-mist additive has been incorporated in RILCO Cut 570 to help you meet the 5 mg/m³ limitation on oil mist that OSHA imposes.

BENEFITS

- **Faster cutting of difficult alloys**
- **Excellent finishes**
- **More production, longer tool life**
- **Anti-weld, extreme pressure characteristics**
- **Anti-mist additive**
- **Especially recommended for use in Swiss automatics**

PERFORMANCE

A military equipment supplier used a common heavy-duty broaching oil to broach track shoes for a metal-tracked vehicle. With this oil they were getting 400 shoes per broach. After changing to RILCO Cut 570, they are getting 1,300 shoes per broach at a consistent rate.

Another common oil was used on automatics to machine 4140 steel, including face shaping and threading. Ninety pieces were made per set-up. After changing to RILCO Cut 570, at a mixture of 8 to 1 with neutral oil, they are getting 400 pieces per set-up.

A large manufacturer of fasteners gets excellent results thread rolling high temperature alloys with RILCO Cut 570. The oil is flooded on notching dies rolling threads in A-286 alloy steel with diameters ranging from 0.113" to 0.250". RILCO Cut 570 gives 1,500 to 1,600 pieces per set of dies. Finishes are better and cost per piece is reduced because of increased die life. A previous heavy-duty sulfurized oil gave only 400 to 500 pieces per set of dies.

An aerospace corporation tried RILCO Cut 570 on several "stringy" alloys and found it far surpassed any other heavy-duty oil for general machining of alloys heat treated to over 200,000 psi yield.

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TYPICAL PHYSICAL PROPERTIES

Appearance	Clear dark red fluid
Viscosity at 100°F, SUS	215
Flash point, °F	360
Pounds per Gallon @ 60°F	8.5

SHELF LIFE

Under normal conditions, the recommended shelf life is one (1) year.

SHIPPING INFORMATION

RILCO Cut 570 is shipped in 55 (U.S.) gallon (208 liter) steel drums

SHIPPING CLASSIFICATION

Petroleum Lubricating Oil N.O.S.

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when RILCO Cut 570 is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

RILCO Tractor Hydraulic Fluid

APPLICATIONS

Allison	C-(3&4)
Caterpillar	Power shift transmission specifying Cat TO-2
Denison	(Pump only) HF-(0 thru 2)
Deutz	Hydr Trans Fluid
Deutz-Allis	HTF(PF821); 821XL
Ford-New Holland	M2C134 - (A thru D), M2C86 - (A thru C), M2C86-(A&B), M2C77-A, M2C53-A, M2C48-(B&C), M2C41-B & M2C159
Fiat-Hesston	AF-87
I.H.C.	B-5 & B-6 Hytran
J.I. Case/Case International	MS-1204, 1205, 1206 (Powergard PFT), 1207 (Hy-Tran Plus), 1209(Hy-Tran Plus), 1210, JIC-143, 144, 145 (TCH Fluid), & 185 (TFD Fluid)
John Deere	J14(A, B, C JDT303), J20(A, B, C Hy-Gard), J21A, & J27(10W or 30)
Kubota	Universal Transhydraulic Fluid (UTD)
Landini	Tractor Hydr Fluid
Massey-Ferguson	M1110, M1127 A&B. 1129 Permatran, 1135 Permatran III, 1139, 1141, 1143 & 1145
Oliver	Type 55, Type 5J, & Q1802
Renk	Bus Automatic Trans Fluid
Sperry Vickers/Eaton	I-280-S & M2950S
Steiger	Hydro Trans Fluid
Sauer Sunstrand/Danfoss	Hydro Static Trans Fluid
Versatile	Gear & Hydr Trans Fluid
Volvo	(including latest wet-brake requirements)
White	Q-1766, Q-1766B (UTHF), Q-1826, Q-1802, Q-1705, Q-1722
ZF Transmissions	TEML03 & TEML06