

THREAD-CUT PLUS CUTTING AND THREADING OIL TCP-SPEC

PRODUCT DESCRIPTION

PRODUCT

THREAD-CUT PLUS Cutting and Threading Oil

TYPE

THREAD-CUT PLUS Cutting and Threading Oil is specially formulated to assure chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings and has been added to the FGG/BM/CZ™ System Compatible Program.

THREAD-CUT PLUS absorbs and throws off heat generated by friction in machining metal or cutting threads thereby reducing friction and preventing galling. **THREAD-CUT PLUS** cools the cutting teeth of the dies which increases tool and die life. The semi-transparent oil allows an unobstructed view of the metal being cut or threaded.

THREAD-CUT PLUS is formulated to prevent chip welding and prolong tool and die life at high or low speeds by reducing frictional heat and tool wear, as well as power consumption. It also improves surface finish and pushes away metal filings and chips, providing a smooth cut finish. Rust and corrosion protection of the metal is also provided.

RECOMMENDED USES

THREAD-CUT PLUS is recommended for threading and cutting operations where chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings is a concern. **THREAD-CUT PLUS** also works excellent on most types of metal alloys that are difficult to machine.

COLOR/CONSISTENCY

Semi-Transparent, Amber, Medium Viscosity Oil

SPECIFIC GRAVITY

0.913 g/l

API GRAVITY

23.5 +20°F (-68°C)

VISCOSITY cSt AT 40°C

25.0

FLASH POINT, COC

338°F (170°C)

POUR POINT

+15°F (-9°C)

ENVIRONMENTAL STATEMENT

THREAD-CUT PLUS Cutting and Threading Oil is formulated to be nonhazardous to the skin and inhibits growth of all germs and infectious organisms within the oil.

THREAD-CUT PLUS is free of toxic ingredients, such as poly chlorinated biphenyls halogens, and poly nuclear aromatic compounds.

NOTE: All Whitlam cutting and threading oils are nonsmoking and non fogging. Smoking or fogging of any Whitlam cutting and threading oils can only occur if the fluid is overheated due to inadequate or misdirected oil flow.

SEE MATERIAL SAFETY DATA SHEET (MSDS) FOR COMPLETE PRECAUTIONS FOR SAFE HANDLING AND USE.

PACKAGING

U.S. Measure:

Stock Code	Size
Plastic Jug w/Spout	
TCP1	1 gal. (3.785 L)
Pail w/Handle	
TCP5	5 gal. (18.9 L)
55 Gallon Steel Drum	
TCP55	55 gal. (208 L)

SHIPPING WEIGHT PER CASE

Stock#	Case Weight	#/Case
TCP1	48 lbs. (21.8 kg)	6/case
TCP5	39 lbs. (17.7 kg)	1 each
TCP55	454 lbs. (205.9 kg)	1 each

WEIGHT PER U.S. GALLON

7.6 lbs. (3.5 kg) ± 0.2

DIRECTIONS FOR USE

1. Start the flow of oil before dies are in contact with the pipe.
2. Flood the area being cut or threaded to insure against occasional dry cutting periods. Failure to keep surface oiled can result in damage to cutting tools and grinding wheels.
3. Keep the flow of oil on the work zone until the operation of cutting or threading is complete.

FGG/BM/CZ™ System Compatible indicates that this product has been tested and is monitored on an ongoing basis to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.



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