



GTL

Our New Cutting Edge

QualiChem was the first US-based blender to utilize Gas-to-Liquid (GTL) technology to create cutting and grinding oils. We now offer over 20 different GTL-based oils in a variety of viscosities and additive packages for use in Swiss-style automatics; tool grinding; high speed milling, drilling and tapping centers; and numerous other machining, turning and grinding operations.

GTL oils are synthesized from natural gas. They are extremely pure. GTLs are free from the typical contaminants found in crude oil, such as aromatics, nitrogen, heavy metals and sulfur. These colorless and virtually odorless oils deliver an ideal array of benefits at a competitive price as compared to the other synthetic oils on the market.

QualiChem Metalworking Fluids are sold in over 40 countries and are recognized as some of the best and most innovative available.

- **High relative flash points in all viscosities**
- **Excellent foam control and quick release of entrained air**
- **Low evaporation and low volatility reducing consumption**
- **Low misting and low odors improving workplace conditions**
- **Superior oxidative stability keeping machines running clean**

RECOMMENDED GTL OILS

PRODUCT	DESCRIPTION	METAL USE	VISCOSITY		FLASH POINT	
			cSt	SUS	°C	°F
PREMIUM SERIES: XTREME CUT 719 SERIES						
Our XTREME CUT 719 Series of Gas-to-Liquid oils are designed to offer the medical and aerospace industries a flexible platform of oils that are exceptionally clean, free of animal fats, and halogenated additives. Each 719 oil differs only by viscosity, allowing the most ideal selection for each type of machine tool. Safe for titanium, exotics, stainless steels and aluminums.						
XTREME CUT 719H	Medium viscosity, ideal for larger diameter automatic turning as well as CNC milling, drilling and tapping	Multi-Metal	24	123	213°C	415°F
XTREME CUT 719S	Low viscosity, perfect for Swiss turning, thread whirling, and mill-turn applications	Multi-Metal	15	77	191°C	375°F
XTREME CUT 719L	Very low viscosity, especially suitable for high pressure, deep hole drilling, gun drilling and small part work	Multi-Metal	10	60	171°C	340°F
PREMIUM SERIES						
XTREME CUT 735S	Multi-purpose Swiss-style screw machine oil, fortified with EP additives and suitable for all material types	Multi-Metal	21	102	177°C	350°F
XTREME CUT 735S-CF	Chlorine-free multi-purpose Swiss-style screw machine oil, compatible with all modern machine designs and materials	Multi-Metal	21	102	218°C	425°F
XTREME CUT 742S	Low viscosity, highly fortified oil ideal for use in Swiss automatics on automotive steels, alloy steels, stainless steels, and nickel alloys	Ferrous Only	14	76	179°C	355°F
XTREME DRILL 744S	Medium viscosity oil for deep hole and gun drilling on automotive steels, alloy steels, stainless steels, and nickel alloys	Ferrous Only	20	98	171°C	340°F
XTREME GRIND 750S	Versatile grinding oil, suitable for most grinding operations including form, flute, creep feed, centerless, and surface grinding	Multi-Metal	11	62	193°C	380°F
XTREME GRIND TS	Ultra-pure, ideal for grinding applications that include sub-2 micron filtration systems	Multi-Metal	3	35	136°C	277°F
XTREME CUT EDM	Perfect for EDM systems that utilize sub-5 micron filtration	Multi-Metal	3.3	37	135°C	275°F
ADVANCED SERIES						
EQO-MAX 712MM	Versatile viscosity, combining both GTL and vegetable oils	Multi-Metal	24	120	191°C	375°F
EQO-MAX 731S	Low viscosity, free of chlorine and sulfur	Multi-Metal	12	72	193°C	380°F
EQO-GRIND 720CGS	Very low viscosity grinding oil, ideal for 1 micron filtration systems	Multi-Metal & Carbide	4	39	135°C	275°F
EQO-GRIND 732S	Versatile, low viscosity grinding oil	Multi-Metal & Carbide	10	60	191°C	375°F
EQO-HONE 793S	Ultra clean, low odor oil for use in honing, finish grinding, rough grinding, and super finishing applications	Multi-Metal	8	52	168°C	335°F
SELECT SERIES						
MET-CUT 754	GTL-enhanced traditional cutting oil suitable for turning and machining operations	Multi-Metal	23	119	196°C	385°F

Please refer to each product's data sheet for full details and intended uses.

For more information or to request a free trial, please contact your local QualiChem Distributor or QualiChem Sales Engineer.

540.375.6700 | www.qualichem.com

ISO 9001:2015

QUALICHEM
Metalworking Fluids

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