

Innovative Offerings for Metalworking	Product Name	Uses	Benefits
Alkoxyates	T*COL LF-10	Low foam rinse aid, Surfactant	Low foam, surfactant
Alkyl Methyl Silicone Fluids	EXP-251 (100%)	Zn & Al Diecasting lubricant base	Paintable (organically raked)
Alkanolamides	T*MIDE ASC-81	Emulsifier, Lubricant, Cleaner	Emulsifier, Lubricant, Cleaner
Amphoteric Surfactants	T*PHO 13	Vibratory Deburring/Burnishing	Vibratory Deburring/Burnishing
	T*PHO 13M1	Vibratory Deburring/Burnishing	Vibratory Deburring/Burnishing
Corrosion Inhibitor	Flexisurf EHDP	Low foam, Hydrotrope, Demulsification, Ferrous Corrosion Inhibition	Low foam, Hydrotrope, Demulsification, Ferrous Corrosion Inhibition
	EXP-931 (C21 Dicarboxylic acid)	Tightens emulsions, Corrosion Inhibition	Tightens emulsions, Corrosion Inhibition
Dimethylpolysiloxanes	T*SIL SF product line (50-600,000 cst) PDMS Fluids	Release, Slip, Foam control	Low reactivity, low pour points, odorless, foam control, High temperature stability, High water repellency
EO/PO/EO Block Copolymers	T*COL EP-2LF	Used in Rinse Aids, Foam control	Foam control, demulsification
Fatty Acid Ethoxylates	T*PEG 400MOT (monoester) T*PEG 600MOT (monoester)	Emulsification of Coolants Emulsification of Coolants	Emulsifier Emulsifier
Functional Fluids	T*COL 660	EP Lubricity	Water soluble 50/50 n-Butanol Low foaming inverse solubility at the cloud points
Odor Counteractants	T*SOL OE-600CA	Oxidizer, Odor control	Works for amines, chemical odors, and bacterial contaminants
Odor Countervailants	T*SOL OE-100	Odor control for oil soluble Coolants	Effective for H ₂ S, Mercaptans, Ammonia
Phosphate Esters	T*PHOS JP-70	Lubricity Additive, Corrosion Inhibitor	Emulsifier and Dispersant, Oil & Water soluble.
Polyethylene & Methoxy polyethylene Glycols	T*COL E-200 to T*COL E-20,000 T*COL E-1000 T*COL E-3250	Detergency and Fluidity additive Detergency and Fluidity additive Detergency and Fluidity additive	Water-soluble PEG Water-soluble PEG Water-soluble PEG
Polysorbates	T*SOL P-20	Emulsifier	Water in oil Emulsifier
Quenchant Bases	T*COL 90M (75-25 EO/PO Alkoxyate)	Lubricant	Provides high temperature quenching & improved lubricity over conventional Block Polyols
Silicone Anti-foamers/Defoamers	T*ZAP AE-430 T*ZAP AFC-2	Foam control Foam control	Foam control Foam control
Silicone Glycol Copolymers	T*SIL 488	Dispersant, Wetting agent	Dispersant, Wetting agent
Sorbitan Esters	T*SOL S-60 T*SOL S-83	Lubricant and Emulsifier Lubricant and Emulsifier	Lipophylic Lubricant & Emulsifier Lipophylic Lubricant & Emulsifier
Wetting Agents	EXP-772 T*SOL DOSS 75 T*SOL DHSS-80i	Surfactant/Wetting agent Surfactant/Wetting agent Surfactant/Wetting agent	Nonionic Surfactant: Oil, water, & solvent soluble Surfactant/Wetting agent Surfactant/Wetting agent

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