

Product Line Summary



BLUE STAR
Lubrication Technology

Metal Working Fluids

Product Series	Application	Description	
Blue Cool Coolants	<ul style="list-style-type: none"> • Broaching • CNC Machining • Cutting • Drilling 	<ul style="list-style-type: none"> • Grinding • Tapping • Turning 	Soluble oil, semi-synthetic and synthetic water-based products for machining and grinding. These products are highly engineered to maximize productivity and operator safety.
Star Clean Cleaners	<ul style="list-style-type: none"> • Immersion • In-process • Maintenance 	<ul style="list-style-type: none"> • Spray • Ultra filtration 	Broad spectrum of high performance cleaners that includes emulsion, alkaline, neutral pH and solvent technology to meet all cleaning requirements.
Blue Form Forming Fluids	<ul style="list-style-type: none"> • Drawing • Extruding 	<ul style="list-style-type: none"> • Forming • Stamping 	Drawing and stamping fluids that provide excellent die life, lubricity and cooling characteristics while shielding parts against corrosion.
Star Cut Straight Oils	<ul style="list-style-type: none"> • Broaching • Cutting • Drilling • Gear hobbing • Gun drilling 	<ul style="list-style-type: none"> • Screw machining • Tapping • Thread grinding • Trepanning • Turning 	Straight oil technology that offers a wide choice of products for a comprehensive range of applications and metals.
Star Guard Rust Preventives	<ul style="list-style-type: none"> • Bearings • In-process • Finished parts 	<ul style="list-style-type: none"> • Machine tools • Tube forming 	Environmentally friendly rust preventives for non-ferrous and ferrous metals. These products incorporate oil, emulsion, synthetic and solvent based technology to meet metal protection requirements in the most severe of environmental conditions.

Lubricants and Greases

Blue Star Grease	<ul style="list-style-type: none"> • Bearings • Cement industry • Construction industry • Drag lines 	<ul style="list-style-type: none"> • Fifth wheels • Off-highway • Roll mills • Universal joints 	High temperature greases thickened with complex soaps of lithium or calcium for extended service, extreme pressure and wear protection. These greases exhibit excellent mobility, shear stability and water resistance.
Blue Star Open Gear Lubricants	<ul style="list-style-type: none"> • Dipper sticks • Open gears • Racks 	<ul style="list-style-type: none"> • Rollers • Slides 	Semi-synthetic compounds for use on drag lines, shovels and slides in all environments. Designed with solid film lubricants for anti-wear and high load carrying capability.
Blue Star Gear Lubricants	<ul style="list-style-type: none"> • Bearings • Gear drives • Helical gears 	<ul style="list-style-type: none"> • Herringbone gears • Spiral bevel gears • Spur gears 	Synthetic and conventional oil based lubricants developed for high performance, friction and temperature reduction and extreme pressure protection.
Blue Star Hydraulic Fluids	<ul style="list-style-type: none"> • Circulating systems • Gear pumps • Industrial hydraulics 	<ul style="list-style-type: none"> • Mobile hydraulics • Vane pumps 	High performance hydraulic oils blended with hydro treated mineral oils for long life and general machinery lubrication.
Blue Cam Cam Lubricants	<ul style="list-style-type: none"> • Monighan Cam walking mechanisms 		Solvent and lead free compounds designed with specific solid film lubricants and additive technology for reduced wear, vibration and chatter free operations.
Blue Slide Slide Lubricants	<ul style="list-style-type: none"> • Bucyrus 2500 series draglines 		High film strength forming compounds for lubricating slide mechanisms on Bucyrus 2500 series draglines.
Blue Star Chain Lubricant	<ul style="list-style-type: none"> • Bearings • Belts • Chains • Küsters presses 	<ul style="list-style-type: none"> • Roller bars • Siempelkamp • Slide rails • Work rolls 	Synthetic ester and hydrocarbon based high temperature fluids for oven conveyor machines operating up to 275°C without forming lacquer and varnish like residues.
Blue Star Way Lubricant	<ul style="list-style-type: none"> • Chains • Roller bars • Slide rails 	<ul style="list-style-type: none"> • Slideways of machine tools • Work rolls 	Formulated for the lubrication of machine tool slides and ways operating at high speed. Designed with excellent load carrying capability and low coefficients of friction for improved machining accuracy.