

DIE CASTING PRODUCT LINE



Dis BLDRY 15 Series Diluted on opplication, Water Based Heavy duty lubricants for general dis casting opporations. Superior performance with increased subricity Heavy duty lubricants for demanding descript operations. Superior performance with increased subricity Heavy duty lubricants for demanding descript operations. Superior performance with increased subricity Heavy duty lubricants for demanding descript operations. Superior performance with increased subricity High performance water feel subricants for use with operation groups are products. Heavy duty lubricant for demanding descript operations. Superior performance with increased builting processes products the user of allocate properties, whilst reducing die build up High performance obscures—free relates agents where demanding port castering processes products the user of allocates products. High performance obscures—free relates agents where demanding port castering processes products the user of allocates products. High performance obscures—free relates agents where demanding port castering processes products the user of allocates products. High performance obscures—free relates agents white the demanding port castering processes products the user of allocates products. High performance obscures—free relates agents white the demanding port castering processes products the user device of the demanding post castering processes products and the user of allocates products and relates to the demanding post castering processes products and the user of allocates and the user o	PRODUCT	CATEGORY	DESCRIPTION		
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DIF SLICKY AD Series Diluted on application, Water Based District on Application State Of the Series District Of the Se	DIE SLICK® 17 Series	Diluted on application, Water Based	Versatile lubricants for general die casting applications. Exceptional wetting and flow characteristics		
DIE SLICK® AF Series Diluted on application, Water Based A range of lubricants with formulations optimized for the demandar of casting structural parts DIE SLICK® SS Series Diluted on application, Water Based A range of lubricants with formulations optimized for the demandar of casting structural parts DIE SLICK® AG Series Diluted on application, Water Based A range of lubricants with formulations optimized for the demandar of casting structural parts DIE SLICK® AF Series Office and Series Office	DIE SLICK® 45 Series	Diluted on application, Water Based	Heavy duty lubricant for demanding die casting operations. Superior performance with increased lubricity		
DIE SLICK® SX Series Diluted on application, Water Based A range of lubriconts with formulations optimized for the demands of casting structural parts DIE SLICK® SQ Series Diluted on application, Water Based Minimum Quantity Lubriconts, Water Based Minimum Quantity Lubriconts, Water Based Minimum Quantity Lubriconts, Oil Based LUBROLENE® DIE SLICK® AR Series DIE SLICK® DIE SERIE LUBROLENE® Permium range of water free products using potented electrostatic technology to optimize and maximize lubrication film formation on all areas of simple or complex dies. Plunger Lubricants Plunger Lubricants Plunger Lubricants Plunger SLICK® V Series Water Free Lubricants Plunger SLICK® V Series Water Based Lubricants High performance water-free plunger lubricants with a wide range of viscosities available to meet demanding austromer applications. Includes latest generation of sustainable products with improved fultrication and line series performance over mineral of products Plunger SLICK® V Series Series Series Series Series Series Mater Based Lubricants PLUNGER SLICK® P Series Series Series Plunger SLICK® V Series Plunger Subricants GH FULIDCAST® MINIO Die Lubricant Application Basic application for squeeze acting lubricants GH FULIDCAST® MINIO Die Lubricant Application Advanced mobile lubricant/water mixing system with PLC control of mixing and lubricants. With PLC control of mixing and lubricant delivery with HIM interface GH FULIDCAST® MAX Die Lubricant Application Full blased lubricant Application Advanced mobile lubricant dyseries mixing system with PLC control to delivery lubricants. With PLC control of mixing and lubricant delivery with edit locating lines GH FULIDCAST® MAX Die Lubricant Application Full blased lubricant Application Full blased lubricant Application Full blased lu	DIE SLICK® AD Series	Diluted on application, Water Based	High performance wax-free lubricants for use with optimized spray processes. Premium solder resistance and release properties, whilst reducing die build up		
DIE SLICK® SQ Series Diluted on application, Water Based Die SLICK® AG Series Minimum Cutaristy Lubricants, Very Read and Succession (Company) Die SLICK® AH Series Alter Steed Anders Anders Aller All	DIE SLICK® AF Series	Diluted on application, Water Based	High performance siloxane-free release agents where demanding post casting processes preclude the use of siloxane products		
DIE SLICK® AG Series Minimum Quantity Lubricants, Water Based Minimum Quantity Lubricants, Oil Based Minimum Quantity Lubricants Minimum Quantity Lubricants, Minimum Quantity Lubricants, Minimum Quantity Lubricant, Minimum Quantity Minimum Qua	DIE SLICK® SX Series	Diluted on application, Water Based	A range of lubricants with formulations optimized for the demands of casting structural parts		
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LUBROLENEP Minimum Quantity Lubriconts, Oil Based Minimum Quantity Lubriconts, Oil Based Minimum Quantity Lubriconts, Oil Based Lubriconts Plunger Lubriconts Plunger Lubriconts PLUNGER SLICK's V Series Water-Free Lubriconts PLUNGER SLICK's V Series Water-Based Lubriconts PLUNGER SLICK's P Series Solid Bood Lubriconts Bead lubriconts offer improved covity cleanliness, reduced perceits and ease of application Equipment for Dis Casting Lubriconts - QH FLUIDCAST'* QH FLUIDCAST'* MINI Die Lubricont Application Basic lubricont/water mixing system with PLC control of mixing and lubricant delivery with HM interface QH FLUIDCAST'* MONO Die Lubricont Application Advanced mobile lubricont/water mixing system with PLC control to delivery lubricing and supplied and supplied and supplied and supplied and supplied spray head. QH FLUIDCAST'* MINI Die Lubricont Application Advanced mobile lubricont/water mixing system with PLC control of mixing and lubricont delivery with HM interface QH FLUIDCAST'* MINI Die Lubricont Application Advanced mobile lubricont/water mixing system with PLC control of mixing and lubricont delivery with PLC control of mixing and lubricont delivery with PLC control of ease of or under supplication and supplied spray head. QH FLUIDCAST'* MINI Die Lubricont Application Advanced mobile lubricont/water mixing system with PLC control to delivery lubricont to a large number of die casting lines GH FLUIDCAST'* DLL Die Lubricont Application Centralized Lubricont Application splication system offering PLC control to delivery through a Quaker Houghton designed and supplied spray head. GH FLUIDCAST'* PLA Die Lubricont Application Low cost liquid lubricant dispensing unit Low cost liquid	DIE SLICK® AQ Series	Water Based	To meet environmental concerns the AQ range of products offers customers Smart Polymer Technology in a form that eliminates the need for wastewater treatment.		
DIE SLICK® XI Series Zino Casting Applications Lubrioants formulated to meet the specific needs for zino die assting applications Plunger Lubrioants PLUNGER SLICK® V Series Water-Free Lubrioants High performance water-free plunger lubricants with a wide range of viscosities available to meet demanding austomer applications. Includes latest generation of sustainable products with improved lubrication and fire safety performance over mineral oil products PLUNGER SLICK® V Series Water Based Lubricants Water-based lubricant using standard and invert emulsion technology to offer an optimized balance of lubricity and fire safety PLUNGER SLICK® P Series Solid Boad Lubricants Bead lubricants offer improved covity cleanliness, reduced porosity and ease of application Equipment for Die Casting Lubricants - QH FLUIDCAST™ QH FLUIDCAST™ RM100 Die Lubricant Application Fully functional lubricant ratio monitor GH FLUIDCAST™ MN100 Die Lubricant Application Basic lubricant/water mixing system to achieve required dilution ratios for water-based lubricants QH FLUIDCAST™ MONO Die Lubricant Application Advanced mobile lubricant/water mixing system with PLC control of mixing and lubricants. With PLC control of mixing and lubricants with PLC control of mixing and lubricant to a large number of die casting lines QH FLUIDCAST™ MAX Die Lubricant Application Full oil based lubricant/water mixing system with PLC control of a large number of die casting lines QH FLUIDCAST™ DL. Die Lubricant Application Full oil based lubricant application system offering PLC control of a lubricant delivery through a Quaker Houghton designed and supplied spray head. QH FLUIDCAST™ PLA Plunger Lubricant Application Full electrostatic lubricant application system offering PLC control and HMI interface QH FLUIDCAST™ PLA Plunger Lubricant Application Full electrostatic lubricant application system offering PLC control and HMI interface QH FLUIDCAST™ PLA Plunger Lubricant Application Full decirostation dispensing unit QH FLUIDCAST™ PLA Plunger	DIE SLICK® AH Series		Water free oil-based lubrication solutions that bring significant advantages to the customer in die cast performance		
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QH FLUIDCAST™ BD Plunger Lubricant Application Low cost plunger lubricant bead dispensing unit					
	QH FLUIDCAST™ PLA	Plunger Lubricant Application	Low cost liquid lubricant dispensing unit		

DIE CASTING PRODUCT LINE



	PRODUCT	CATEGORY	DESCRIPTION			
	Fire-Resistant Hydraulic	Fluids				
	QUINTOLUBRIC® 888	HFDu Synthetic Water Free Hydraulic Fluids	High performance anhydrous hydraulic fluids with excellent shear stability, best in class oxidation stability and reduced environmental impact. Products have low human and ecological toxicity, are >80% biodegradable and offer superior cleanliness. Products are energy saving due to their high viscosity index			
	COSMOLUBRIC® B-230	HFDu Synthetic Water Free Hydraulic Fluids	Is the latest development in Quaker Houghton's complete line of fire resistant hydraulic fluids for industry. COSMOLUBRIC® B-230 is a vegetable oil derived fire resistant hydraulic fluid formulated with addi¬tives to enhance corrosion protection, metal passivation, and oxidative inhibition. COSMOLUBRIC® B-230 is Factory Mutual approved as a less hazardous fluid.			
	HOUGHTO-SAFE™ 419-R	Water Glycol Hydraulic Fluids	Is a water glycol type fire resistant hydraulic fluid designed to meet the exacting requirements of modern industrial hydraulic systems. The fluid provides maximum safety in terms of fire resistance together with the optimum combination of performance characteristics and economy to the user. HOUGHTO-SAFE™ 419-R is Factory Mutual approved as a less hazardous fluid.			
	HOUGHTOSAFE™ 620	Water Glycol Hydraulic Fluids	Superior liquid and vapor phase corrosion protection, high viscosity index, excellent shear stability, excellent chemical thermal and hydrolytic stability			
Ancillary Products						
	TRIM SLICK™	Trim Press Lubricants	Trim press lubricants to improve trim life. Provides excellent boundary lubricant with minimal residue.			
	HEAT SLICK™	Heat Transfer Fluids	Non-toxic, non-corrosive, and low-odor heat transfer fluids for die casting temperature control.			
	PROWAY™	Way Oils	Machine lubricant designed for use in the lubrication of machine tool slides and ways.			
	QUENCH SLICK™	Quenching Additive	Synthetic quench tank additives for excellent heat dissipation. Non-foaming, prevents water spots, and extends tank life.			
	LADLE SLICK™	Ladle Coatings	Adhesion prevention pastes. Protects ladles and other tools from molten alloy.			
	QUAKERTEK™	Grease	A range of high performance greases which provide excellent lubrication and corrosion resistance. The LX series is formulated with high temperature resistance and shock loading protection, whilst the Axial range is formulated specifically to meet the needs of robotics.			
Metalworking Fluids						
	QUAKERCUT® / CUTMAX™	Metalworking Fluids	Neat cutting oils to provide a wide range of performance capabilities to meet metalworking industrial requirements in machining operations.			
	QUAKERCOOL® / HOCUT®	Metalworking Fluids	Expansive range of water soluble metal removal fluids containing soluble cutting oils, semi-synthetics and true solution synthetics. Provides a wide range of performance capabilities to meet industrial requirements in machining operations. Used in multiple industrial applications such as drilling, milling, tapping and reaming.			
	QUAKERCLEAN® / QH EXOMAX™	Metalworking Fluids	A wide range of high performance cleaning products for pre or post machining operations, with excellent foaming and biostability characteristics			
	Porosity Sealing Solutions					
	ULTRASEAL REXEAL 100	Porosity Sealing Chemicals	Market leading high performance recycling impregnation sealant, offering best in class sealing performance. Offers recycling rates up to 95% and high levels of thermal and chemical resistance. Approved to US MIL-I-17563C, and carrying all major automotive OEM approvals			
	ULTRASEAL MX2	Porosity Sealing Chemicals	First generation recycling impregnation sealant, approved to US-I-176563C offering excellent all round performance			
	ULTRASEAL PC504/66	Porosity Sealing Chemicals	Non-recycling impregnation sealant offering excellent sealing, thermal and chemical resistance performance. Approved to US MIL-I-17563C			
	IMP IM3000	Porosity Sealing Chemicals	Non-recycling impregnation sealant offering excellent sealing, thermal and chemical resistance performance. Approved to US MIL-I-17563C			
	ULTRASEAL FL400 SYSTEM	Porosity Sealing Equipment	Front loading impregnation system that offers fast cycle times and high sealing rates in an operator friendly, small foot print system. Can be readily automated to improve operation efficiency and reduce overall operation costs			
	ULTRASEAL TL IMPREGNATION SYSTEM	Porosity Sealing Equipment	Cost effective Top load systems available in a variety of sizes, that balance investment costs and capacity			
	ULTRASEAL SRS SYSTEM	Porosity Sealing Equipment	Upgrade package for conventional impregnation systems to enable lower operation costs through deployment of environmentally friendly sealant solutions			