



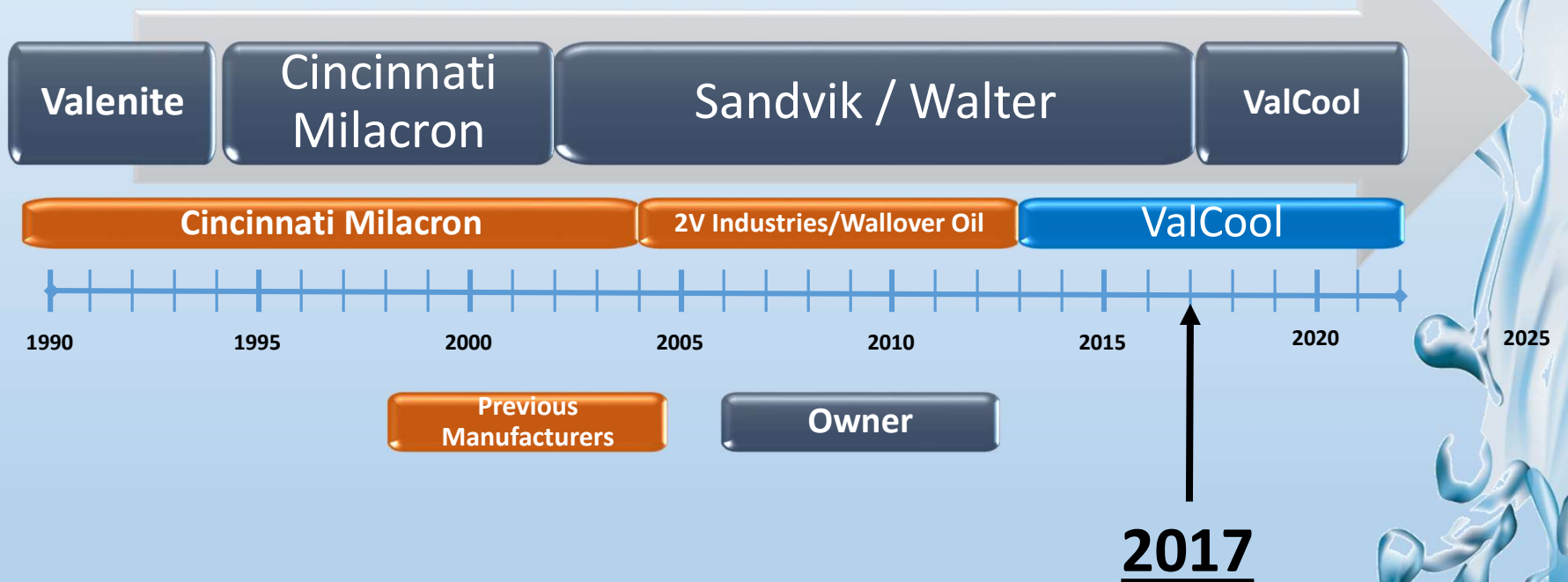
ValCOOL[®]

Solutions Through Innovative Technologies

Prepared for Modern Chemical

ValCool History

Prior to 2017, ValCOOL was a “product line” of cutting fluids private labeled and marketed by a number of companies. After 2017, ValCOOL became a company manufacturing and supplying an entire portfolio of metalworking fluids.



ValCOOL Mission Statement

Our mission is to use a deep and broad industrial fluid portfolio of high quality products with excellent support to deliver unmatched value to our customers. In the process, we strive to build long term relationships based on mutual trust, respect, and monetary success.



Industry Leaders using our Technology



ValCOOL Locations



Houston, TX (2)

Odessa, TX

Laramie, WY

Wiliston, ND

Pittsburgh, PA

Toronto, CN

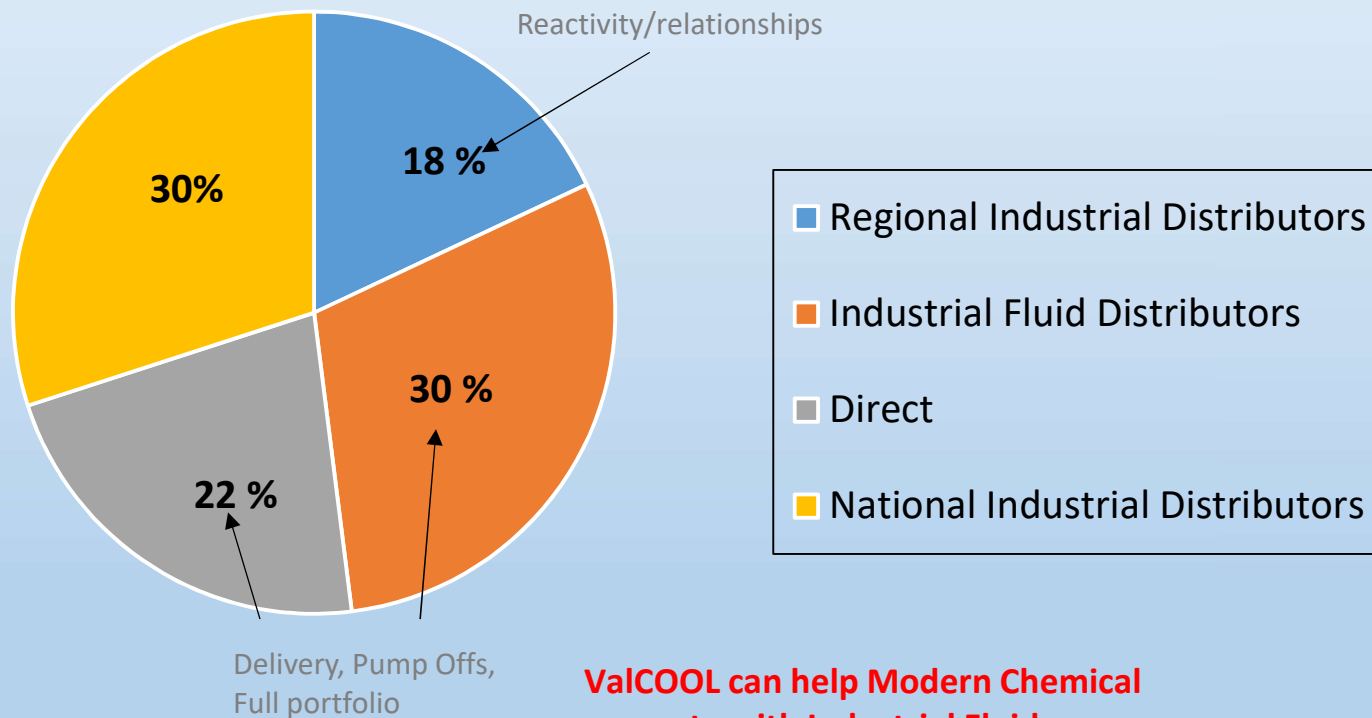
Monterrey, MX



Val
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Why is ValCOOL a good partner for Modern Chemical?

Breakdown of Metalworking Fluid Suppliers



ValCOOL can help Modern Chemical compete with Industrial Fluid Distributors, Regional Focused Industrial Distributors, National Industrial Distributors and Direct suppliers.

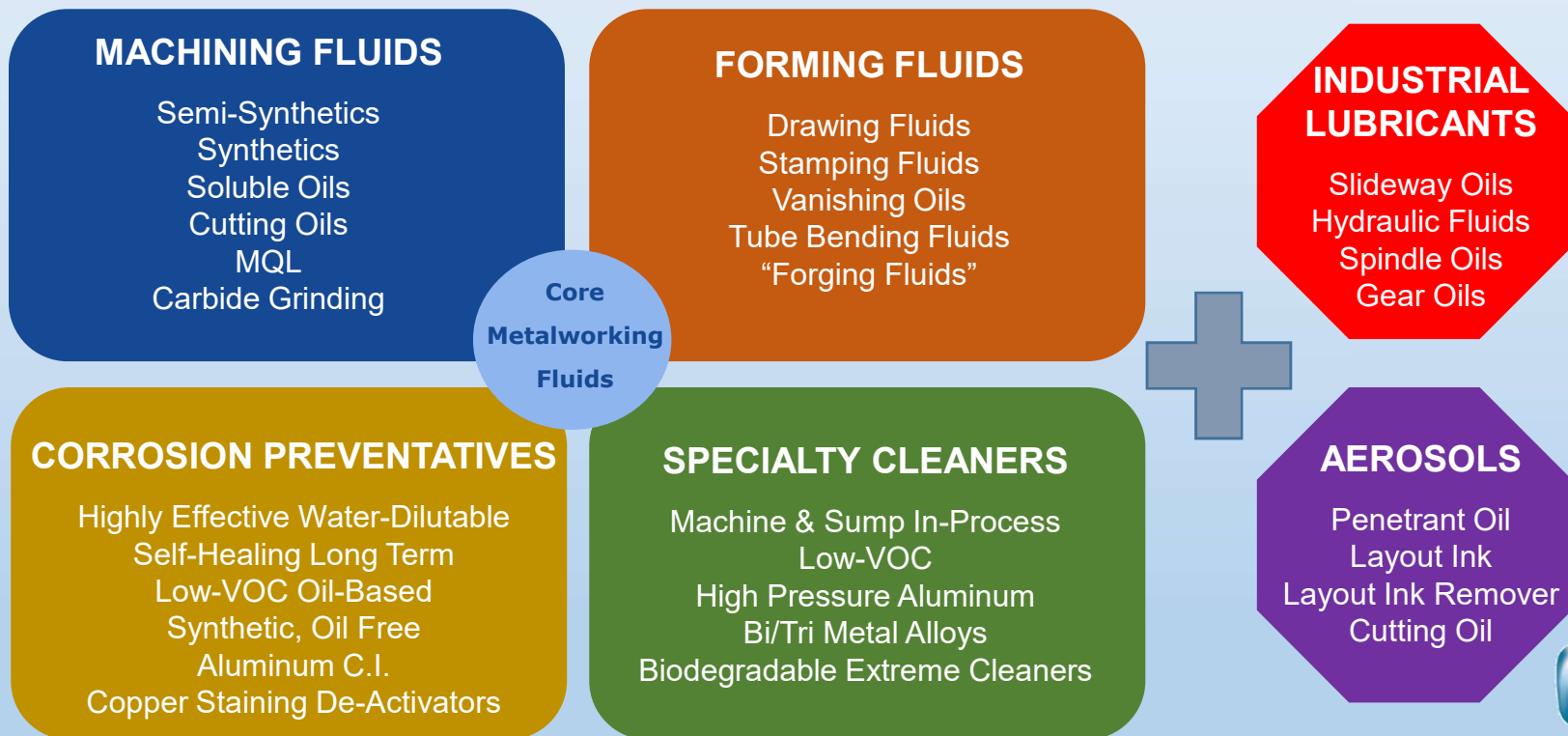
Why is ValCOOL a good partner for Modern Chemical

- “Deep and Broad” product offering
 - 350 SKUS’s of industrial fluids we can supply
 - With over 100 distributors in the United States and Canada, ValCOOL has become very efficient and effective at training other companies’ sales forces.
 - “We can do for A&M Industrial what you all do for end users.”
 - Consolidate your supply chain
 - One point of contact (one “go to guy, one go to team”)
 - Better pricing (customer contracts)



Deep and Broad Product Offering

Total Metalworking and Industrial Lubricant Offerings



Why is ValCOOL a good partner for Modern Chemical

- Recognizable brand name
- Easy to work with company
- Philosophy of looking for partners not suppliers
- Aggressive marketing program to filter leads
- Committed to potentially making Modern Chemical our “go to” distributor in this region
- Key strength is understanding fluid optimization
- Four products can make up 80% of your sales so warehousing/ordering/training is streamlined

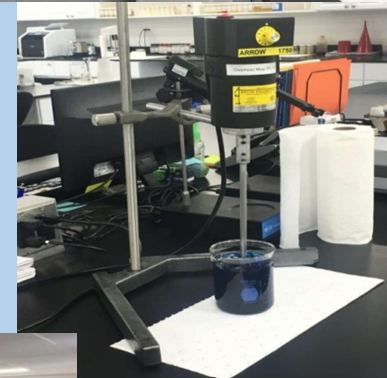


Why is ValCOOL a good fit for Modern Chemical?

- Laboratory/Technical Support
 - Customer has a problem we can have technical assistance working on solutions very quickly
 - Laboratory testing can be within hours once samples are received (not days)
 - In-house training for potential key metalworking fluid team members
 - ValCOOL can provide onsite training for your team so they can learn to problems solve for themselves.

Laboratory Support

- Comparative Product Testing
 - Help support the sales process; foam breaks, cast iron corrosion
- Machining Efficiency Tests
 - Microtap testing, algorithm analysis on various alloys and speeds
- Reverse Engineering
 - Analyze unknown products to help provide best alternative
- General Testing
 - pH, conductivity, alkalinity, tramp oil, total oil, microbial levels
- Custom Formulation



Why is ValCOOL a good fit for Modern Chemical?

Field Support

- High presence during initial trials/startup
 - Help direct and clean out sumps to run trials
 - Trial initiation and installation
 - Help document trial information.
- Scheduled service visits
 - Proactive coolant monitoring and reporting
- Continuous improvement
 - End-User Fluid Optimization
 - New or different fluids
 - Process optimizations
 - New or different equipment recommendations



Total Fluid Management

- Adjust and maintain coolant concentrations
 - Refractive Index – maintain recommended coolant concentration
 - pH – periodic checks to insure suitability for continued use
 - Culture tests – measures biological (bacteria, fungus) levels
 - Electrical Conductivity – measures mineral deposits in the coolant
 - Water Analysis
 - Additional lab analysis
- Manage tramp oil
 - Remove tramp oil from coolant
 - Empty skimmer buckets
- Manage machine lubricants
 - Fill lubricant reservoirs
 - Oil Analysis (way oils, hydraulics, spindle oils, gear oils, etc.)



GET TO KNOW THE PRODUCT LINE

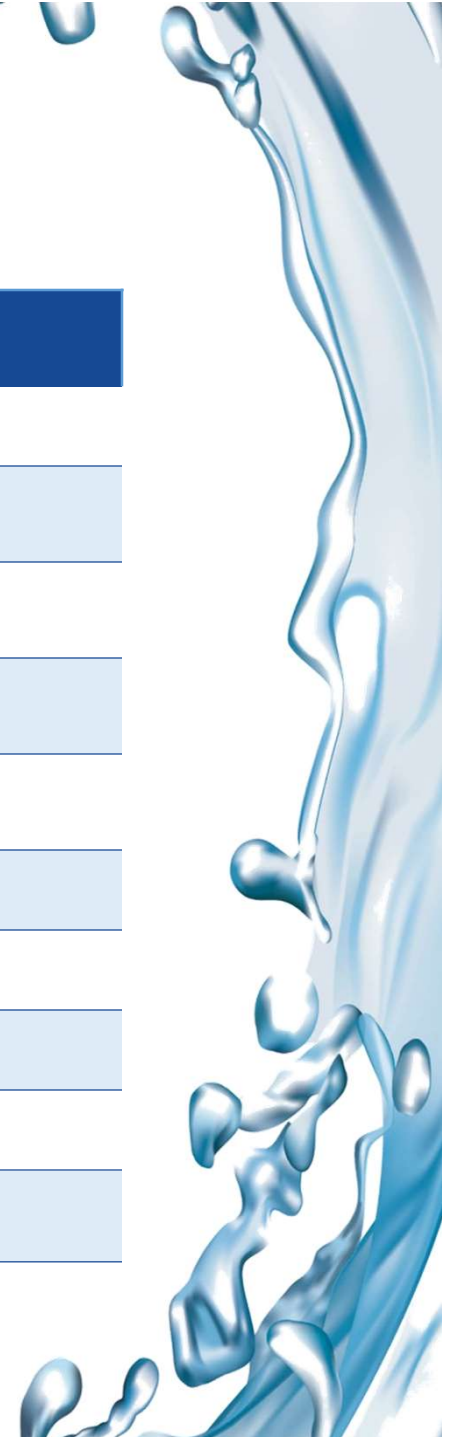
(A LITTLE BIT)

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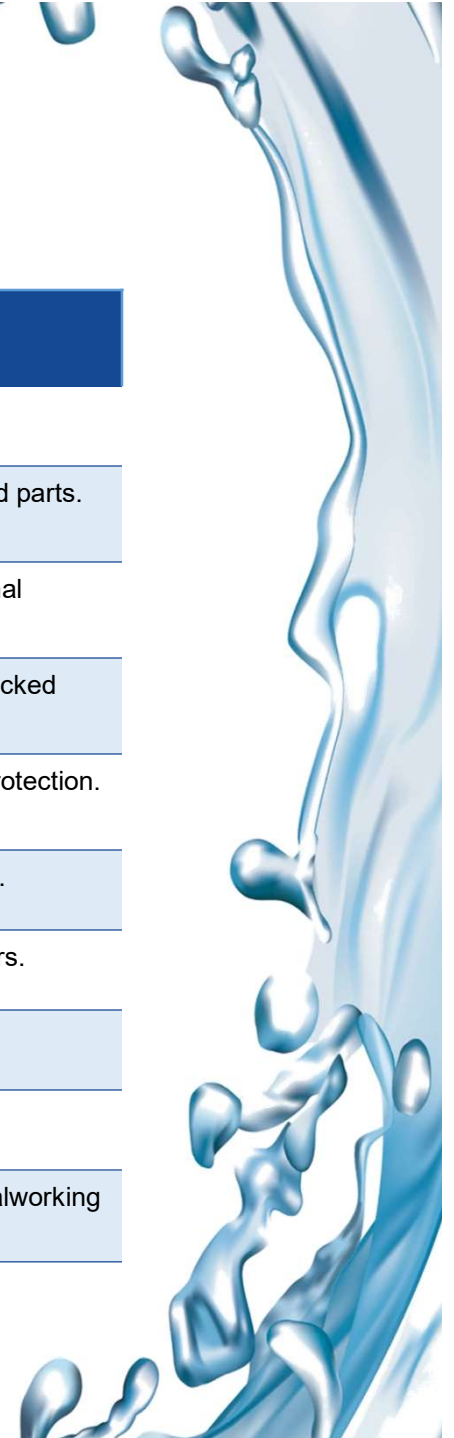
ValCOOL[®] Machining Fluids

Product Name	Description
VP 800P	Semi-Synthetic multi-purpose machining coolant
VP 805P	EP fortified semi-synthetic multi-purpose machining coolant
VP 920P	Synthetic water-based coolant for light to moderate machining and grinding
VP 950P	Synthetic water-based coolant for moderate to heavy machining and grinding
VP 650P	Soluble oil product for slow speed and general machining
Val-Cut 595P	Highly versatile cutting oil
Val-Swiss Line	Vegetable ester enhanced cutting oils for precision machining
Val-Cut Gun Drill Oil	Excellent gun drill, boring, and trepanning oil
Val-Cut Precision Hone	Honing oil developed to offset industry standard honing oil
VP 940P	Carbide Grinding and Machining Fluid



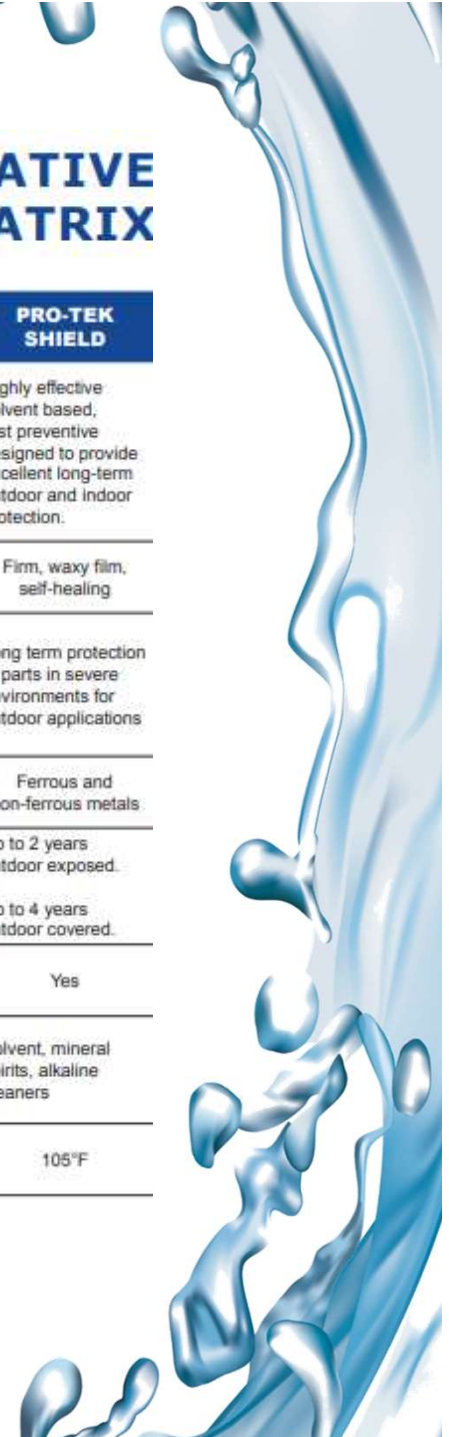
ValCOOL[®] Rust Preventative Line

Product Name	Description
Pro-Tek 36	Oil based. Indoor use for up to 2 years. Thin oily film that is easily cleaned.
Pro-Tek Penetrant-1	Oil based. Moisture displacing fluid with the ability to free frozen, rusted, or varnished parts. Cleans, protects, lubricates.
Pro-Tek 3525	Emulsifiable oil. Ultra thin oil coating for steel, aluminum, and copper. Interoperational protection. Indoor use for up to 6 months.
Pro-Tek Aqua 44	Water-based synthetic. Indoor use for up to 3 months. Thin dry film that protects stacked parts.
Pro-Tek 924	Solvent based. General purpose dewatering rust preventative for 12 month indoor protection. Ultra thin greasy film.
Pro-Tek 30	Solvent based. Long term dewatering rust preventative for up to two years. Soft film.
Pro-Tek Shield	Solvent based self-healing grease film. Outdoor high humidity protection up to 5 years.
Pro-Tek AA	Solvent based. Grease film for acid atmospheres.
Pro-Tek 40	Solvent based. Moisture displacing and lubricating fluid.
Pro-Tek JD-7	Water-based. Tankside additive for increasing the rust inhibiting properties of a metalworking fluid that have been compromised due to selective depletion.



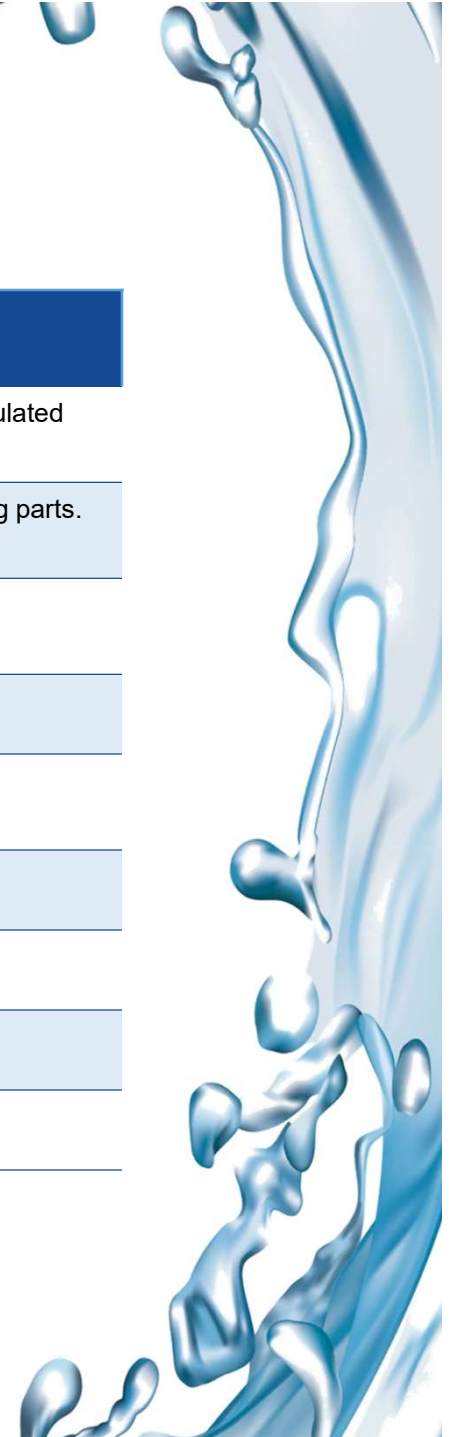
RUST PREVENTATIVE PRODUCT MATRIX

	PRO-TEK 30	PRO-TEK 36	PRO-TEK 3525	PRO-TEK AA	PRO-TEK AQUA 44	PRO-TEK PENETRANT-1	PRO-TEK SHIELD
DESCRIPTION	Solvent based, soft film rust preventive and moisture displacing fluid designed to provide excellent indoor protection.	Oil based, multi-purpose rust preventive designed for use in environments where high humidity protection is desired.	A versatile water-based rust preventive designed for effective short-term indoor protection.	Solvent based, highly effective moisture displacing rust preventive designed for indoor use.	Versatile synthetic, water-based rust preventive designed for effective short term indoor protection.	Oil based moisture displacing and penetrating rust preventive that effectively lubricates as it protects.	Highly effective solvent based, rust preventive designed to provide excellent long-term outdoor and indoor protection.
FINISH	Grease Film	Light Oily Film	Light Film	Thin, Greasy Film	Microscopic thin film	Light Oily Film	Firm, waxy film, self-healing
RECOMMENDED USE	Engine blocks, valves, gears, bushings, taps, tools and dies, pipe and similar parts	Lubricating oil, general purpose rust preventative for assembled parts and bearings	Protects tools, wires, dies, bearings, machined parts, castings and jigs	Any parts where high levels of water, saline or acid atmospheric conditions are found	Precision parts, stacked parts and assembly parts	Penetrates stuck, corroded and varnished parts	Long term protection of parts in severe environments for outdoor applications
METALS PROTECTED	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals	Ferrous and non-ferrous metals
LENGTH OF PROTECTION	Up to 24 months indoor. Up to 6 months outdoor covered.	Up to 24 months indoor. 6 month outdoor covered.	Up to 6 months indoor. Not recommended for outdoor use.	Up to 2 years indoor. Outdoor up to 6 months covered.	Up to 3 months indoor. Not recommended for outdoor use.	Up to 12 months indoor. 3 months outdoor covered.	Up to 2 years outdoor exposed. Up to 4 years outdoor covered.
WATER DISPLACING	Yes	Yes	N/A	Yes	N/A	Yes	Yes
REMOVAL METHOD	Solvent, mineral spirits, alkaline cleaners or hot water	Solvent, mineral spirits or alkaline cleaners	Solvent, mineral spirits, alkaline cleaners or hot water	Solvent, mineral spirits, alkaline cleaners or hot water	Solvent, mineral spirits, alkaline cleaners or hot water	Solvent, mineral spirits or alkaline cleaners	Solvent, mineral spirits, alkaline cleaners
FLASH POINT	128°F	335°F	N/A	105°F	N/A	264°F	105°F



ValCOOL[®] Specialty Cleaner Line

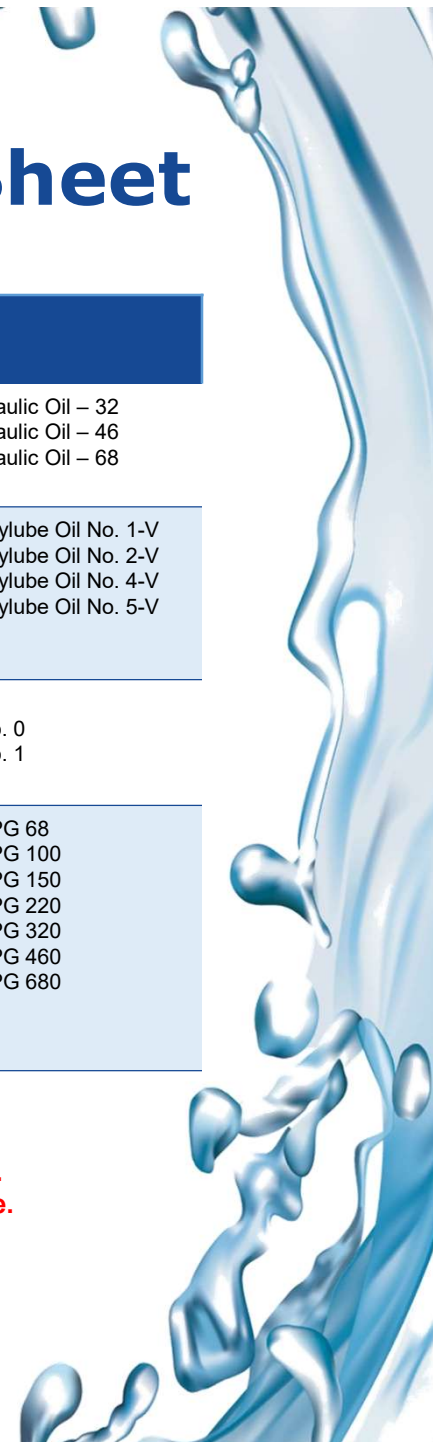
Product Name	Description
Val-U-Clean	Sump cleaner used when coolant is removed from the machine and cleaner is recirculated with water.
K-5-P	In process cleaner, fluid is added to the coolant and cleans/disinfects while machining parts. Cleaner should stay in the machine no longer than 48 hours.
Val-U-Clean FE	Premium ferrous metal cleaning formula.
Val-U-Clean NF	Premium non-ferrous metal cleaning formula.
Val-U-Clean MMC	Premium multi-metal cleaner.
Val-U-Clean HPSC	Multi-metal high pressure steam cleaner for operations over 135°F.
Val-U-Clean EDG	Equipment Degreaser formula.
Val-U-Clean CFFS	Controlled foam floor scrubber cleaner.
Val-U-Clean BHGC	Multi-purpose 100% biodegradable cleaner for heavy greases, asphalt and graffiti.



Industrial Lubricants Crossover Sheet

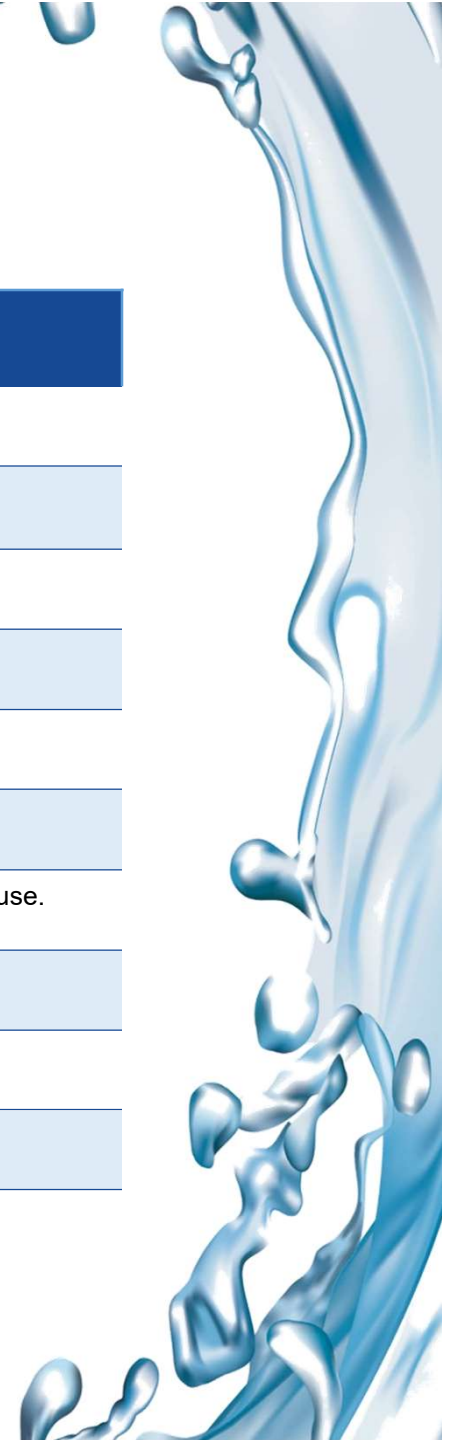
	Valcool Industrial Lubricants	Mobil	Shell	Chevron	Castrol	LubriPlate
Hydraulic Fluids	ValCOOL AW 32 ValCOOL AW 46 ValCOOL AW 68	DTE 24 DTE 25	Tellus 32 Tellus 46 Tellus 68	Rando HD ISO 32 Rando HD ISO 46 Rando HD ISO 68	Hyspin AWS 32 Hyspin AWS 46 Hyspin AWS 68	Mineral Hydraulic Oil – 32 Mineral Hydraulic Oil – 46 Mineral Hydraulic Oil – 68
Slideway Lubes	ValCOOL 32 ValCOOL 68 ValCOOL 150 ValCOOL 220 Clear Waylube 68** Clear Waylube 220**	Vactra 1 Vactra 2 Vactra 3 Vactra 4 N/A N/A	Tonna S2M 32 Tonna S2M 68 Tonna S2 M 150 Tonna S2 M 220 N/A N/A	Way ISO 32 Way ISO 68 N/A Way ISO 220 N/A N/A	Magna GC 32 Magna BD 68 N/A Magna CF 220 N/A N/A	Premium Waylube Oil No. 1-V Premium Waylube Oil No. 2-V Premium Waylube Oil No. 4-V Premium Waylube Oil No. 5-V N/A N/A
Spindle Oils	ValCOOL 2 ValCOOL 10 ValCOOL 22	Velocite 3 Velocite 6 Velocite 10	N/A Spindle 10 Spindle 22	N/A Rando HD ISO 10 Rando HD ISO 22	N/A Hyspin Oil 10 Hyspin Oil 22	N/A Lubriplate No. 0 Lubriplate No. 1
EP Gear Oils	ValCOOL EP Gear 68 ValCOOL EP Gear 100 ValCOOL EP Gear 150 ValCOOL EP Gear 220 ValCOOL EP Gear 320 ValCOOL EP Gear 460 ValCOOL EP Gear 680	600 XP 68 600 XP 100 600 XP 150 600 XP 220 600 XP 320 600 XP 460 600 XP 680	Omala 68 Omala 100 Omala 150 Omala 220 Omala 320 Omala 460 Omala 680	EP 68 EP 100 EP 150 EP 220 EP 320 EP 460 EP 680	EP Gear 68 EP Gear 100 EP Gear 150 EP Gear 220 EP Gear 320 EP Gear 460 EP Gear 680	Lubriplate APG 68 Lubriplate APG 100 Lubriplate APG 150 Lubriplate APG 220 Lubriplate APG 320 Lubriplate APG 460 Lubriplate APG 680

****Our USDA approved Clear Waylubes in 68 and 220 viscosity grades differentiate us from many oil companies. These products contain no sulfur in either the base stock or additive package, significantly improving sump life.**



ValCOOL[®] Aerosol Line

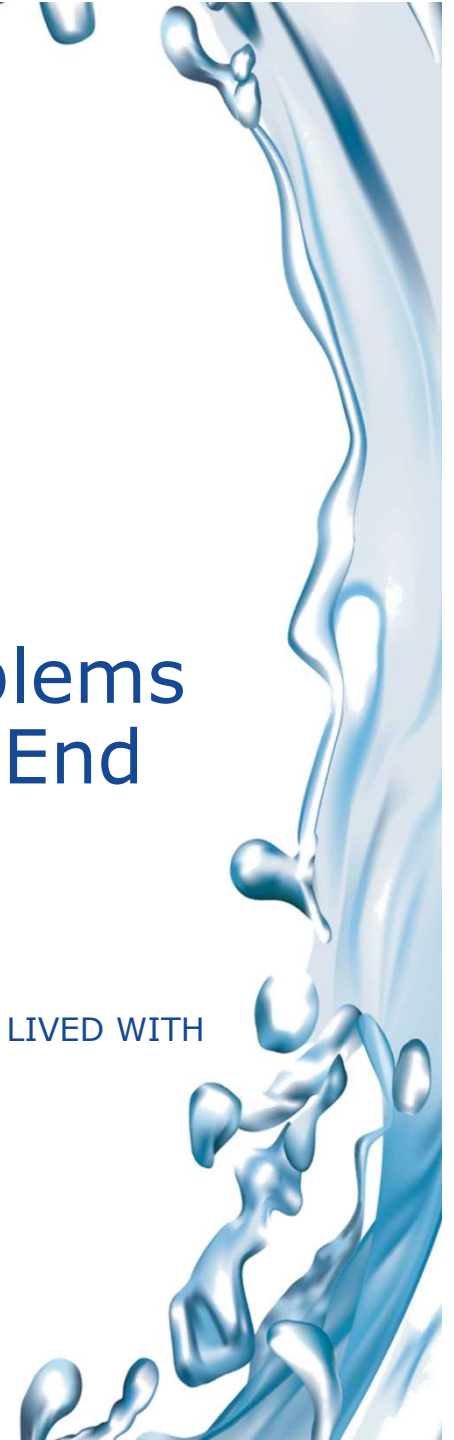
Product Name	Description
Blue Layout Ink	Quick dry ink for making cutting lines without glare.
Layout Ink Remover	Removes "Blue Layout Ink" and other scribing metal inks.
Degreaser	Dissolves all heavy grease and heavy oils.
Dry Moly Lube	Excellent multi-purpose lubricant.
Gel Lube	Premium multi-metal cleaner.
Cutting and Tapping	Cutting and tapping fluid for all alloys.
Machine Cleaner	Concentrated cleaner for dirty, grime, varnished oil, and mineral soaps. For external use.
Penetrating Oil	Loosens bolts, fittings, and other tightly fastened pieces of metal.
Red Spray Grease	Aluminum complex grease.
Silicone Lube	Water repelling silicone lubricant.



Some Nice Wins!

ValCOOL Gains Wins by Solving Problems for our Channel Partners and Their End Users

"OFTEN TIMES PEOPLE DON'T REALIZE THEY HAVE A PROBLEM BECAUSE THEY HAVE LIVED WITH
A SITUATION SO LONG THEY JUST ASSUME THAT IS THE WAY IT IS."



Increase Productivity with VP 805P

Challenge

- ▶ No room to add new machines
- ▶ Had to increase parts per day

Deliverable

- ▶ Increased production rates by 27%
- ▶ Increased tool life by 24%
- ▶ Savings approached \$350,000 per year

Texas

HOUGHTON



Oil and Gas Company

Significant Tool Life Increase with VP 855P

Challenge

- ▶ Needed to increase production volume on complex custom stainless 450T part
- ▶ Nine fluid companies attempted trial evaluations
- ▶ None delivered more than 110 parts

Deliverable

- ▶ Increased production to over 300 parts (tripled the tool life)

Mid-Atlantic



Mining Company

Precision Hone NC – Custom Formulation

Undisclosed Location



Government Contractor

Challenge

- ▶ Bids limited by lack of approved material

Deliverable

- ▶ Developed special Nuclear Grade Honing Oil meeting MIL-STD-2041D approval
- ▶ Customer gained ability to bid on certain jobs with new spec product



Significant Rust Eliminated with VP 800P

Mid-West



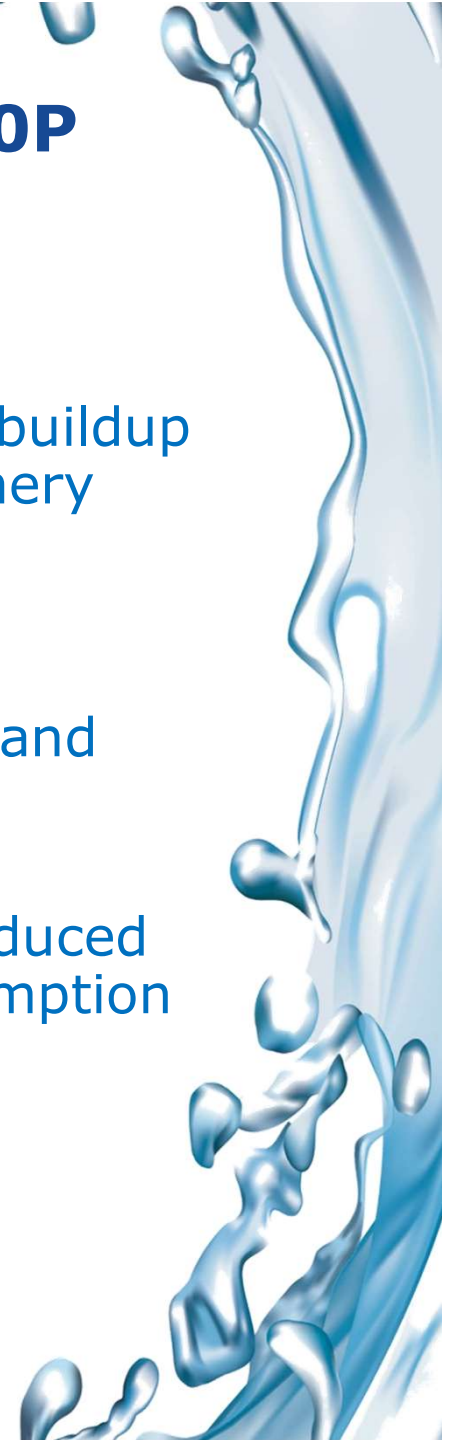
Large Crankshaft Mfgr.

Challenge

- ▶ Getting significant buildup and rust on machinery

Deliverable

- ▶ Eliminated all rust and buildup
- ▶ Additionally, we reduced their annual consumption of coolant by 33%



Sump life Increase with VP 800P

Challenge

- ▶ Customer only getting two months of coolant life
- ▶ Entire facility smelled like rotten eggs and sewage
- ▶ Staining on aluminum parts

Deliverable

- ▶ Continuous improvement. Now coolant lasts for over one year.

Mid-West



Automotive Manufacturer

ValCOOL Key Contacts for Houston

VP of Sales & Technology

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In Closing.....

- Four Things to Remember with Respect to ValCOOL
 - VERY DEEP AND BROAD PRODUCT OFFERING
 - ALL PRODUCTS MADE IN TEXAS OR MEXICO
 - SIGNIFICANT LABORATORY CAPABILITIES
 - EXCELLENT WITH APPLICATION KNOWLEDGE IN THE FIELD AND HOW TO TRANSFER THIS KNOWLEDGE TO A SALES TEAM

