# Rustlick



HIGH PERFORMANCE METALWORKING FLUIDS



PRO PRO

WHERE SCIENCE MEETS METAL



## RUSTLICK DELIVERS MORE THAN JUST GREAT PERFORMANCE

At ITW Pro Brands, we are committed to staying on the forefront of technical advancements that keep you on the cutting edge. Our goal is to offer our customers innovative products that improve their productivity and profitability, all while maintaining the highest levels of customer support.

The Rustlick product line consists of a variety of cutting & grinding oils and fluids designed to lubricate and cool. Rustlick coolants are known for long sump life, advanced bio-resistance and heavy-duty formulations. We also offer dielectric fluids, rust preventatives, sump-side additives and coolant maintenance equipment.

#### **HEAVY-DUTY COOLANTS:**

Rustlick products run at low concentrations, reducing coolant use and cutting costs.

#### HARD WATER STABLE:

Rustlick coolants last more than 2x as long in hard water environments.

#### LONG SUMP LIFE:

Rustlick products increase operational sump life by 30-50%.

#### **QUALITY ASSURED:**

Our manufacturing plant is ISO 9001:2008 certified.

#### **INNOVATIVE:**

Continuous product development is the main focus of our R&D team.



ITW Pro Brands, a division of Illinois Tool Works Inc. (ITW), is an industry leader in the development and production of scientifically advanced fluid products and equipment for the metalworking industry. These include eco-friendly lubricants & tapping fluids, cutting and



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grinding fluids, rust preventatives, stamping lubricants, aqueous cleaners, coolant maintenance equipment and minimum quantity lubrication systems. By continually focusing on advancements in production, safety and service we strive to uphold the Guiding Principles of ITW.



## PRODUCT SELECTION GUIDE



METALWORKING COOLANT SELECTION GUIDE													
Product	ψ	Extreme	Pressure Suitable			lee.	8		ø.		led on	ter nge	
Froduct	Coolant Type	Chlorinated	Chlorine Free	Cast Iron	Carbon & Tool Steel	Stainless Steel	Titanium & Nickel Alloys	Aluminum	Brass, Bronze & Copper	Magnesium	Recommended Concentration	Refractometer Reading Range	Page
ULTRACUT Aero	Premium Water-Soluble Oil		<b>✓</b>	•	•	•	•	•	•	•	3-10%	3.0-9.2	4
ULTRACUT Pro	Premium Water-Soluble Oil	✓		•	•	•	•	•	•	•	3-10%	3.1-9.2	4
ULTRACUT Pro CF	Premium Water-Soluble Oil		✓	•	•	•	•	•	•	•	3-10%	3.1-9.2	4
WS-5050	Water-Soluble Oil		<b>✓</b>	•	•	•	•	•	•	•	3-10%	3.2-9.7	5
WS-500A	Water-Soluble Oil		<b>✓</b>	•	•	•	•	•	•	•	3-10%	3.6-10.7	5
WS-11	Water-Soluble Oil			•	•	•	•	•	•	•	3-10%	3.5-10.6	5
ULTRACUT 380R	Semi-Synthetic		✓		•	•	•	•		•	3-10%	2.1-6.2	6
ULTRACUT 375R	Semi-Synthetic	✓		•	•	•	•	0	•	•	3-10%	2.4-7.2	6
SS-405L	Semi-Synthetic			•	•	•	•	•	•	•	3-10%	1.6-4.8	6
SS-150	Semi-Synthetic			•	•	•	•	•	•	•	4-10%	1.3-3.5	6
PowerChip 2000	Synthetic		<b>✓</b>	•	•	•	•	•	•	•	3-10%	1.4-4.1	7
SN-100A	Synthetic			•	•	•	•	•	•	•	3-10%	1.2-3.6	7
Vytron-N	Synthetic			•	•	•	•	•	•	•	3-10%	1.3-3.8	7
PowerSaw	Synthetic		<b>✓</b>	•	•		•				3-10%	1.1-3.3	7

GRINDING COOLANT SELECTION GUIDE												
Product	Type of Grinding	Coolant Type	Cast Iron	Carbon & Tool Steel	Stainless Steel	Titanium & Nickel Alloys	Aluminum	Brass, Bronze & Copper	Tungsten Carbide	Recommended Concentrations	Refractometer Reading Range	Page
G-1066L	Wheel	S*	•	•	•	•	•	•	•	3-10%	1.1-3.0	8
G-1066D	Diamond Wheel	S*						•		3-10%	1.2-3.6	8
G-25J	Blanchard & Surface	S*		•		•		•		3-10%	1.2-3.6	8
G-25B	Blanchard & Surface	S*					•	•		5-10%	1.0-2.0	8
Carbide PowerGrind	Carbide	S*	•	•	•	•	•	•	•	4-10%	1.5-3.3	8

### RECOMMENDED FOR THESE MACHINES

#### **MACHINE TPES**

Product	Mill	Bandsaw	CNC Machine	Surface Grinder	Drill Press	Lathe
ULTRACUT Aero	✓	✓	✓	✓	✓	✓
ULTRACUT Pro	✓	✓	✓	✓	✓	✓
ULTRACUT Pro CF	✓	✓	✓	✓	✓	✓
WS-5050	✓	✓	✓	✓	✓	✓
WS-500A	✓	✓	✓	✓	✓	✓
WS-11	✓	✓	✓	✓	✓	✓
ULTRACUT 380R	✓	✓	✓	✓	✓	✓
ULTRACUT 375R	✓	✓	✓	✓	✓	✓
SS-405L	✓	✓	✓	✓	✓	✓
SS-150	✓	✓	✓	✓	$\checkmark$	✓
PowerChip 2000	✓	✓	✓	✓	✓	✓
SN-100A	✓	✓	✓	✓	✓	✓
Vytron-N	✓	✓	✓	✓	✓	✓
PowerSaw	✓	✓				
G-1066L		✓		✓	✓	
G-1066D		✓		✓	✓	
G-25J				✓		
G-25B				✓		
Carbide PowerGrind				✓		

### PREMIUM WATER-SOLUBLE OILS

Longest operating life with unmatched machining performance.



ULTRACUT Aero specifically designed for aluminum, titanium, stainless steel, Inconel®

#### **ULTRACUT** Aero

Premium, ultra long-lasting water-soluble oil with advanced bio-resistance, extreme pressure additives and boundary lubricants for heavy-duty use.

#### **CHARACTERISTICS**

- Specifically designed for aluminum, titanium, stainless steel,
- Maximum protection against bacteria and fungus
- No chlorine, sulfur, boron, phenols or nitrites

#### BENEFITS

- Meets Aerospace regulatory requirements
- Dramatically extends sump life while enhancing tool life
- · Produces excellent part quality and surface finish

PART NO.	SIZE	
74405	5 gal. pail	
74455	55 gal. drum	

#### **ULTRACUT Pro CF**

Premium, chlorine free, extended-life water-soluble oil with added performance package and bio-resistance for moderate to heavy-duty use.

#### **CHARACTERISTICS**

- · Prevents rancidity and inhibits microbial growth
- Dependable performance; outstanding rust inhibitors
- · Recommended for ferrous & nonferrous metals

#### **BENEFITS**

- · Significantly prolongs coolant life
- Improves tool life; boosts productivity rates
- Enhances work piece quality and surface finish

PART NO.	SIZE
83305	5 gal. pail
83355	55 gal. drum

#### **ULTRACUT Pro**

Premium, long-lasting water-soluble oil with chlorinated extreme pressure additives and advanced bio-resistance for heavy-duty use.

#### CHARACTERISTICS

- · Superior resistance to fungus and bacteria
- Outstanding lubricity and performance; great rust protection
- · Recommended for ferrous & most nonferrous metals

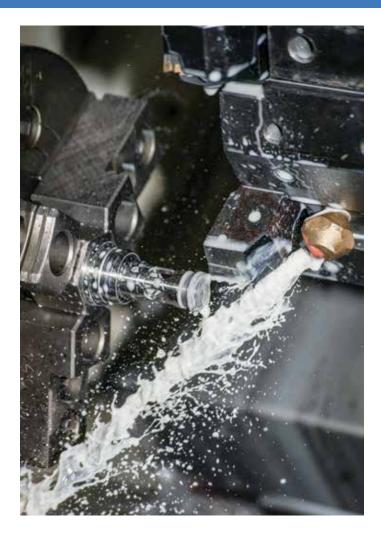
- · Maximizes sump life
- Increases part integrity and machining tolerances
- Extends tool life; reduces tooling costs

PART NO.	SIZE
84405	5 gal. pail
84455	55 gal. drum



### WATER-SOLUBLE OILS





#### WS-500A

Quality water-soluble oil with non-chlorinated extreme pressure additives for moderate-duty use.

#### **CHARACTERISTICS**

- · Multi-metal versatility
- Thin oily-film corrosion protection
- Recommended for ferrous metals, aluminum and titanium
- · Limited use on brass, bronze, copper

#### BENEFITS

- General-purpose coolant to use in a wide range of applications
- · Noticeably increases tool life

PART NO.	SIZE
74055	5 gal. pail
74555	55 gal. drum

#### WS-11

Economical water-soluble oil for light-duty use.

#### **CHARACTERISTICS**

- · Chlorine, silicone free
- Thin oily-film corrosion protection
- Compatible with carbon & tool steel, stainless steel, and aluminum

#### **BENEFITS**

- · Low cost solution
- Also can be used as a light film rust preventative

PART NO.	SIZE
74013	1 gal. jug (4/case)
74053	5 gal. pail
74553	55 gal. drum

#### WS-5050

Superior water-soluble oil with chlorinated extreme pressure additives for moderate and heavy-duty machining applications.

#### **CHARACTERISTICS**

- Multi-purpose, versatile product
- Dependable all-around performance
- Recommended for ferrous & most nonferrous metals

#### BENEFIT:

- Not for use with titanium and nickel alloys
- Provides great surface finish with less rework
- Extends tool life and reduces tooling costs

PART NO.	SIZE
74016	1 gal. jug (4/case)
74056	5 gal. pail
74556	55 gal. drum



### **SEMI-SYNTHETICS**

Easy to maintain, low foaming and excellent biological stability.

#### **ULTRACUT 380R**

Premium, ultra long-lasting semi-synthetic coolant with added performance package and bio-stability for moderate to heavy-duty use.

#### **CHARACTERISTICS**

- Especially good for high pressure systems
- · Prevents rancidity; inhibits microbial growth
- · Dependable performance; high lubricity
- No chlorine, sulfur, boron, phenols, nitrites or triazines
- Recommended for all ferrous & nonferrous metals

- Use in individual sumps or large central systems
- Ultra long-lasting; dramatically increases coolant life
- · Keeps machines exceptionally clean
- · Enhances workpiece quality and surface finish

PART NO.	SIZE
76005	5 gal. pail
76055	55 gal. drum



#### SS-405L

Quality semi-synthetic cutting fluid for moderate-duty use

#### CHARACTERISTICS

- Good corrosion protection
- Recommended for cast iron, carbon & tool steels, brass, bronze, & copper
- · Limited use on aluminum

#### **BENEFITS**

- · Improves shop cleanliness
- No gummy residue on parts or machines
- · Low foaming in high-pressure/high-volume systems

PART NO.	SIZE
78405	5 gal. pail
78410	55 gal. drum

#### **ULTRACUT 375R**

Superior, versatile semi-synthetic coolant with chlorinated extreme pressure additives and fungal control package for heavy-duty use.

#### **CHARACTERISTICS**

- Universal fluid; reliable rancidity control
- Recommended for ferrous & most nonferrous metals
- · Limited use on aluminum
- Great in high-pressure/high-volume systems; very low foaming

#### **BENEFITS**

- · Easy care; extends operational coolant life
- Ideal for multi-material, multi-operational shops
- · Cleaner machines and parts

PART NO.	SIZE
74905	5 gal. pail
74955	55 gal. drum



#### SS-150

Economical semi-synthetic cutting fluid for light to moderate-duty use.

#### **CHARACTERISTICS**

- Multi-purpose, versatile product
- Dependable all-around performance
- Recommended for ferrous & most nonferrous metals

- Eliminates residue build-up on machines and parts
- Extremely low carry-off reduces operating costs

PART NO.	SIZE
76105	5 gal. pail
76155	55 gal. drum



Minimal upkeep, fast cooling, clear work piece visibility and no mineral oil.

#### PowerChip 2000

Premium synthetic coolant with extreme pressure additives for heavy-duty use.

#### **CHARACTERISTICS**

- Not susceptible to bacteria or fungus
- · Chlorine free
- · Good lubricity; minimizes misting
- Recommended for ferrous metals, titanium and high-nickel alloys

#### BENEFITS

- Improves coolant life and machine cleanliness
- · Excellent quenching and chip removal

PART NO.	SIZE
76305	5 gal. pail
76355	55 gal. drum

#### **SN-100A**

Superior synthetic metalworking coolant used for moderate to heavy-duty machining and sawing operations.

#### **CHARACTERISTICS**

- Thin dry-film protection; added rust inhibitors
- Rejects tramp oil
- · Recommended for ferrous metals and titanium
- · Not recommended for aluminum, brass, bronze or copper

#### BENEFITS

- · Easy to use and maintain; low carry-off
- Protects parts and machines from in-process corrosion

PART NO.	SIZE
73058	5 gal. pail
73558	55 gal. drum

#### Vytron-N

Superior synthetic cutting fluid for general-purpose use.

#### **CHARACTERISTICS**

- · No mineral oil or CFCs
- · Non-toxic when diluted
- · Recommended for ferrous metals and titanium
- Not recommended for aluminum, brass, bronze or copper

#### BENEFITS

- · Keeps tools and machines clean
- · No insoluble soap buildup

PART NO.	SIZE
75014	1 gal. jug (4/case)
75054	5 gal. pail
75554	55 gal. drum

#### **PowerSaw**

Quality synthetic coolant with performance additives for moderate to heavy-duty use.

#### **CHARACTERISTICS**

- · Specially designed for sawing applications
- Chlorine free
- Recommended for ferrous metals and titanium
- · Not recommended for aluminum, brass, bronze or copper

- Longer blade life; reduces tooling costs
- Faster cutting times boost productivity

PART NO.	SIZE
76205	5 gal. pail
76255	55 gal. drum



### **SYNTHETICS - GRINDING**



#### G-1066L

#### Premium synthetic coolant for wheel grinding.

#### **CHARACTERISTICS**

- · Compatible with bronze diamond wheels
- · Added rust inhibitors leave a protective dry-film
- · Recommended for ferrous metals, brass, bronze and copper
- · Not recommended for aluminum
- · Will not stain white ceramic

#### **BENEFITS**

- Quick fines removal; keeps wheels and machines clean
- · Protects against in-process corrosion
- · Improves surface finish and machining tolerances

PART NO.	SIZE
RL009	5 gal. pail
RL010	55 gal. drum

#### G-25J

## Superior synthetic coolant for Blanchard, surface, centerless & cylindrical grinding.

#### **CHARACTERISTICS**

- Dry-film rust protection
- · Good tramp oil rejection
- Recommended for ferrous metals, brass, bronze and copper

#### **BENEFITS**

- Easy cleaning; no sticky residue
- · Trouble-free tramp oil skimming and cleaning

PART NO.	SIZE
75012	1 gal. jug (4/case)
75052	5 gal. pail
75552	55 gal. drum



#### G-1066D

#### Superior synthetic coolant for diamond wheel grinding.

#### **CHARACTERISTICS**

- Residual dry-film corrosion protection
- Recommended for ferrous & most nonferrous metals
- · Not recommended for aluminum
- · Will not stain white ceramic

#### **BENEFITS**

- · Reduces wheel loading and chip packing
- · Better part finishing and integrity

PART NO.	SIZE
75051	5 gal. pail
75551	55 gal. drum

#### G-25E

## Quality synthetic coolant for Blanchard, surface, centerless & cylindrical grinding.

#### **CHARACTERISTICS**

- · Economical solution
- Leaves a rust inhibiting protective film
- Recommended for ferrous metals, brass, bronze and copper

#### BENEFITS

- · Great heat dissipation
- · Prevents in-process rusting

PART NO.	SIZE	
73562	5 gal. pail	
73563	55 gal. drum	
73303	33 gai. aram	

#### **CARBIDE GRINDING**

#### Carbide PowerGrind

#### Premium synthetic coolant for carbide grinding.

#### CHARACTERISTICS

- Contains inhibitors to prevent cobalt leaching
- Designed for machining tungsten carbide; works well on other materials

- Prevents carbide damage; increases part integrity and strength
- · Minimizes cobalt exposure to improve operator safety

PART NO.	SIZE
74052	5 gal. pail
74552	55 gal. drum
74552	55 gal. drum

## **DIELECTRIC FLUIDS**



#### EDM-500

Premium, cosmetic-grade synthetic dielectric fluid for Electric Discharge Machining.

#### **CHARACTERISTICS**

- High flash point and dielectric strength
- Low viscosity, power factor and acid value
- Resists thermal degradation
- Transparent, fluorescent green formula
- · Virtually odorless
- No aromatics

#### **BENEFITS**

- · Eliminates skin irritation
- · Better electrode wear resistance
- · Longer fluid life
- · Faster metal-removal rates
- Improves surface finish; reduces polishing time

PART NO.	SIZE
72055	5 gal. pail
72555	55 gal. drum





#### EDM-250

Superior dielectric fluid for Electric Discharge Machining.

#### **CHARACTERISTICS**

- · Good dielectric strength
- High flash point
- Clear, colorless formula
- Low viscosity and power factor

#### **BENEFITS**

- Extends fluid life
- · Resists electrode wear
- Better surface quality

PART NO.	SIZE
72050	5 gal. pail
72550	55 gal. drum

#### EDM-30

Superior dielectric fluid for Electric Discharge Machining.

#### **CHARACTERISTICS**

- · High flash point
- · Low viscosity

#### BENEFITS

· Reduces smoke and odors

PART NO.	SIZE
72052	5 gal. pail
72552	55 gal. drum

## RUST PREVENTATIVES & CORROSION INHIBITORS



Protect workpieces and machines from harmful rust and corrosion.

#### 631

#### Moisture-displacing rust preventative and penetrant.

#### **CHARACTERISTICS**

- Penetrates to displace water and moisture
- · Apply by dipping or brushing; do not dilute with water
- · Non-conductive

#### **BENEFITS**

- · Guards against flash rusting; leaves a protective thin film
- Easy to clean; reduces surface preparation time
- · Long term indoor rust protection, up to two years

PART NO.	SIZE
71011	1 gal. jug (4/case)
71051	5 gal. pail
71551	55 gal. drum

#### 606

#### Moisture-absorbing rust preventative.

#### **CHARACTERISTICS**

- Absorbs water and moisture
- · Apply by dipping or brushing; do not dilute with water
- · Non-conductive

#### **BENEFITS**

- · Penetrates all cracks, pores, crevices and closed holes
- · Can be used on wet parts with blind holes
- · Long-term indoor rust protection, up to two years

PART NO.	SIZE
71152	1 gal. jug (4/case)
71052	5 gal. pail
71552	55 gal. drum

#### **RUST PREVENTATIVE AEROSOL**

#### 631 Aerosol

#### Moisture-displacing rust preventative and penetrant.

#### CHARACTERISTICS

- · Penetrates to displace water and moisture
- Apply light, even film on areas needing protection
- · Non-conductive

#### **BENEFITS**

- · Guards against flash rusting; leaves a protective thin film
- Easy to clean; reduces surface preparation time
- Long term indoor rust protection, up to two years

PART NO.	SIZE
71101	12 wt. oz aerosol (12/case)

#### 606 Aerosol

#### Moisture-absorbing rust preventative.

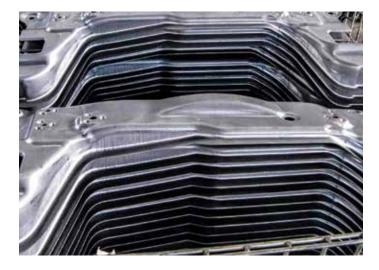
#### CHARACTERISTICS

- Absorbs water and moisture
- Apply light, even film on areas needing protection
- · Non-conductive

#### RENEEITS

- Penetrates all cracks, pores, crevices and closed holes
- Can be used on wet parts with blind holes
- Long-term indoor rust protection, up to two years

PART NO.	SIZE
71102	12 wt. oz aerosol (12/case)



#### Rustlick B

## Water-dilutable in-process corrosion inhibitor for ferrous metals.

#### **CHARACTERISTICS**

- Non-flammable, water-soluble corrosion inhibitor
- · Non-oily, dry, microscopic protective film
- Biodegradable, transparent, and non-irritating

- Use for short-term indoor storage; prevents flash rusting
- · No cleaning required before painting or plating
- Can be used for sand blasting or vibratory finishing

PART NO.	SIZE
73011	1 gal. jug (4/case)
73051	5 gal. pail
73551	55 gal. drum

## SUMP-SIDE ADDITIVES & SPECIALTY PRODUCTS



Enhance and treat metalworking fluids for higher performance and longer tank life.

#### Grotan

Broad spectrum bactericide for treating metalworking fluids.

#### **CHARACTERISTICS**

- · Proven effectiveness against bacteria
- · Compatible with all types of coolant

#### RENEEITS

- Use in individual sumps and large central systems
- Supports coolant functionality by controlling biodegradation
- · Helps extend metalworking fluid life

PART NO.	SIZE
77011	1 gal. jug (4/case)

#### Triadine 20

Industrial microbiostat for treating bacteria and fungus.

#### **CHARACTERISTICS**

- Treats bacteria and fungus in metalworking fluids
- Broad-spectrum antimicrobial ingredients

#### BENEFITS

- Use in stand alone sumps or central coolant systems
- Reduces "Monday morning" smell
- Prolongs coolant life

PART NO.	SIZE
77116	16 fl.oz. bottle (6/case)
77101	1 gal. jug (4/case)

#### Sump-side Defoamer

Anti-foam liquid treats foaming in machine sumps and washing systems.

#### **CHARACTERISTICS**

· Fast-acting formula

#### **BENEFITS**

- · Use with most coolants, washing compounds and cleaners
- · Controls excessive foam
- Won't interfere with painting or plating

PART NO.	SIZE
78640	1 gal. jug (4/case)



### SPECIALTY PRODUCTS

#### Kleenzol DY

Water-dilutable, alkaline sump cleaning solution

#### **CHARACTERISTICS**

- Water-soluble alkaline sump and general shop cleaner
- Multipurpose, fast-acting formula

#### **BENEFITS**

- Use on a broad spectrum of soils & surfaces
- Easily removes built-up chips, residue, scum and insoluble soaps
- Protect machines against rust during cleaning

PART NO.	SIZE
76012	1 gal. jug (4/case)
76052	5 gal. pail
76552	55 gal. drum

#### RTL

Premium reaming, tapping and drilling fluid with extreme pressure additives.

#### **CHARACTERISTICS**

- · Emulsifies in water; easy to clean
- Silicone free; no solvents

#### **BENEFITS**

- Improves cutting performance
- Actively strengthens cutting fluid properties
- · Boosts tool life; superior surface finish

## PART NO. SIZE 69016 12 oz. bottle (6/case) 69001 1 gal. jug (4/case) 69005 5 gal. pail

#### Start-up Kit

Convenient, easy-to-use kit for coolant changeovers and cleaning.

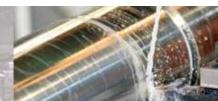
#### **CHARACTERISTICS**

- Triadine 20, 16 oz. bottle
- Kleenzol DY, 1 gal. jug
- 606 Aerosol, 12 oz. aerosol

- · Preps sump for fresh coolant
- Maximizes coolant performance and tank life

PART NO.	
78000	

## COOLANT MAINTENANCE EQUIPMENT & ACCESSORIES



Tools and accessories for metalworking fluid maintenance.

#### Universal Wheel Skimmer

Versatile wheel skimmer removes tramp oil.

#### **CHARACTERISTICS**

- Removes 1.5 gallons of tramp oil every hour
- Exclusive bi-directional oil drain
- · Durable injection-molded frame
- 120v, single phase, 0.6 amp motor with internal overload
- Use in applications up to 125°F (52°C)

#### **BENEFITS**

- Reduces coolant maintenance and machine downtime
- Promotes longer sump life
- · Compact design fits most sumps
- Easy to install and operate

PART NO.	SIZE
78034	12" Skimmer



#### Steel Frame Skimmer

Heavy-duty wheel skimmer removes tramp oil from coolant and washing fluids.

#### **CHARACTERISTICS**

- · Chemical and corrosion resistant steel frame and wheel
- Removes 1-2 gallons of tramp oil every hour
- Use in applications up to 125°F (52°C)

#### RENEFITS

- · Extends the life of metalworking fluids
- · Decreases machine downtime and fluid care
- Internal motor overload protects against overheating



#### Refractometer

Quickly and accurately measures coolant concentration.

#### **CHARACTERISTICS**

- Wide measurement range, 0-32 Brix
- · Clear-view eyepiece
- · Bright, easy-to-read scale
- Portable, no batteries required
- · No-slip handle; impact resistant body
- Compatible with all coolant types and brands

#### **BENEFITS**

- Quick, accurate readings
- · Supports longer coolant life
- · Reduces over-all coolant use

#### PART NO.

78095



#### Drum Mixer/Proportioner

Sturdy drum mixer/proportioner automatically mixes coolant concentrate with water and dispenses the diluted solution into any container.

#### **CHARACTERISTICS**

- Works with all coolant types and brands
- 15 different color-coded ratio metering inserts

#### **BENEFITS**

- Guarantees precise coolant concentration
- Faster, easier and safer than mixing by hand
- Saves money by reducing coolant use
- Prevents messy, expensive fluid spills

#### PART NO.

78096



## PRODUCT TECHNICAL DATA

Product	Concentrate Color	Dilute Color	Specific Gravity	pH at 10%	Chlorine	1 gal. (4/cs)	5 gal.	55 gal.
ULTRACUT Aero	Light brown	Milky white	0.95	9.3	No		74405	74455
ULTRACUT Pro	Golden yellow/light brown	Milky white	0.98	9.9	Yes		84405	84455
ULTRACUT Pro CF	Golden yellow/light brown	Milky white	0.96	9.7	No		83305	83355
WS-5050	Blue	Milky blue	0.97	9.5	Yes	74016	74056	74556
WS-500A	Dark brown	Milky white	0.93	9.2	No		74055	74555
WS-11	Dark brown	Milky white	0.92	9	No	74013	74053	74553
ULTRACUT 380R	Translucent blue	Translucent light blue	0.99	9.9	No		76005	76055
ULTRACUT 375R Translucent amber		Translucent	1.01	9.8	Yes		74905	74955
SS-405L	S-405L Translucent amber		1.01	9.8	No		78405	78410
S-150 Translucent blue		Translucent light blue	1.01	9.9	No		76105	76155
PowerChip 2000	owerChip 2000 Dark blue		1.08	9.8	No		76305	76355
SN-100A	-100A Blue		1.05	9	No		73058	73558
Vytron-N Turquoise		Clear aqua	1.05	9.8	No	75014	75054	75554
PowerSaw	PowerSaw Dark blue		1.06	9	No		76205	76255
G-1066L	Yellow/orange	Clear yellow	1.06	9.3	No		RL009	RL010
G-1066D	Yellow/orange	Clear yellow	1.07	9.9	No		75051	75551
G-25J	Dark green	Yellow/green	1.08	9.8	No	75012	75052	75552
G-25B	Yellow/orange	Yellow/green	1.04	9.7	No		73562	73563
Carbide PowerGrind	Opaque green	Clear green	1.04	10.2	No		74052	74552

DIELECTRIC FLUIDS TECHNICAL DATA								
Product	Color	Specific Gravity	Viscosity at 40°C (cSt)	Viscosity at 100°F (SUS)	Flash Point	Allowable Burn Rate	5 gal.	55 gal.
EDM-500	Fluorescent green	0.8	3	36.5	210°F (99°C)	400 amps	72055	72555
EDM-250	Colorless	0.81	2.7	34.5	220°F (104°C)	400 amps	72050	72550
EDM-30	Colorless	0.81	3.2	36	215°F (102°C)	150 amps	72052	72552

RUST PREVENTATIVES & CORROSION INHIBITORS TECHNICAL DATA									
Product	Description	Specific Gravity	Viscosity at 40°C (cSt)	Flash Point	12 oz. Aerosol (12/cs)	1 gal. (4/cs)	5 gal.	55 gal.	
631	Rust preventative	0.82	4	180°F (82°C)		71011	71051	71551	
606	Rust preventative	0.83	6	175°F (79°C)		71152	71052	71552	
Rustlick B	Corrosion inhibitor	1.1	N/A	None		73011	73051	73551	
631 Aerosol	Rust preventative spray	0.81	N/A	-156°F (-104°C)	71101				
606 Aerosol	Rust preventative spray	0.86	N/A	-156°F (-104°C)	71102				

SUMP-SIDE ADDITIVES & SPECIALTY FLUIDS TECHNICAL DATA									
Product	Description	Specific Gravity	Viscosity (cSt)	Flash Point	Other Sizes	1 gal. (4/cs)	5 gal.	55 gal.	
Triadine 20	Microbiostat	1.17	N/A	None	16 oz. (6/cs): 77116	77101			
Grotan	Bactericide	1.15-1.16	N/A	Not applicable		77011			
Non-Silicone Defoamer	Defoamer	1.05	N/A	400°F (204°C)		78640 (1/cs)			
Kleenzol DY	Alkaline cleaner	1.02	N/A	110°F (43°C)		76012	76052	76552	
RTD	Tapping fluid	1.1	243 at 40°C	> 212°F (100°C)	12 oz. (6/cs): 69016	69001	69005		





WATER-SOLUBLE OILS, SEMI-SYNTHETICS, SYNTHETICS, DIELECTRIC FLUIDS, RUST PREVENTATIVES & CORROSION INHIBITORS, SUMP-SIDE ADDITIVES & SPECIALTY PRODUCTS, COOLANT MAINTENANCE EQUIPMENT & ACCESSORIES





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