

KANO LABORATORIES

MAKERS OF

# KROIL®



**A FAMILY OF INDUSTRIAL GRADE PRODUCTS**

# KROIL®

## PREMIUM HIGH-PERFORMING PENETRANTS



When it comes to freeing corroded items in tough spaces, nothing rivals powerful, industry-proven Kroil Penetrating Oil. Used and trusted by pros and experienced DIYers alike since 1939, Kroil quickly loosens rusted nuts and bolts, frees frozen shafts, pulleys and more. Plus it's safe on all metals.

### PENETRANT ORIGINAL

LIQUID AND AEROSOL (FORMERLY AEROKROIL)

Kroil can be used on items that have been exposed to the elements or have endured the harshest conditions, resulting in rust and corrosion. Time and rust are no match for Kroil, and no space is too tight to reach, thanks to its ability to penetrate the smallest opening, thread or crevice. Kroil removes and prevents rust, cleans and lubricates, and displaces moisture.

Excellent for use in just about any environment.

Trusted Penetrant for Over 80 Years

### PENETRANT WITH SILICONE

(FORMERLY SILIKROIL)

Kroil Penetrant with Silicone has been engineered to loosen frozen metal parts and provide extra lubrication. The addition of silicone to the legendary Kroil formula results in superior penetration, lubrication and rust prevention. This proprietary blend of oils and solvents first penetrates into the tightest of spaces to break the bond of rust, and then provides lubrication at the primary level of the surface, subsequently freeing virtually any metal part.

Excellent for use in coastal areas or any place where exposure to salt and weather is a factor.

Superior Penetration with Long Lasting Lubrication

NEW LOOK!  
SAME FORMULA!\*

### PENETRANT WITH GRAPHITE

(FORMERLY PENEPHITE)\*

Kroil Penetrant with Graphite is a unique blend of oils, solvents and graphite engineered to penetrate the smallest gaps of corroded metals to loosen seized parts. The graphite is designed to stick to metal and provide long lasting lubrication, which will remain in place even in operating temperatures up to 700°F (371°C).

Eases the removal of large metal fasteners, components and equipment parts.

Excellent Penetration and Lubrication in High Temperature Environments

\*NEW under the Kroil brand. New look. Same formula.

## APPLICATIONS

- Agricultural equipment
- Automobiles
- Bearings and bearing mounts
- Boats and marine equipment
- Bushings
- Castors
- Chains and track pins
- Construction equipment
- Conveyors
- Corroded fasteners
- Drilling equipment
- Engines and engine parts
- Equipment disassembly
- Firearms
- Frozen gears and cogs
- Frozen nuts and bolts
- Gearboxes
- Heat exchangers
- Hinges and pins
- Hitches
- Locks
- Lugs and lug nuts
- Pillow blocks
- Piping
- Plumbing fixtures
- Printing presses
- Pulleys
- Pumps
- Rivet guns
- Saws
- Screws
- Shafts
- Sliding mechanisms
- Sporting equipment
- Turbines
- Valves
- Washers
- Winches and cranes
- ...And more



# KANO

## INDUSTRIAL-GRADE PRODUCTS



Not all package sizes/formats shown.

From the makers who brought you trusted Kroil Penetrants, Kano offers a variety of chemical solutions to help you get tough jobs done faster, saving you time, money and equipment.

## FUEL TREATMENTS & DEGREASERS

### KREEN

#### All-In-One Gas & Oil Treatment

Kreen provides four solutions in one: improves compression, reduces oil consumption, cleans injectors and increases gas mileage. It also dissolves sludge, gum and varnish in gas and diesel engines. Kreen softens and removes excess carbon from around valve stems and piston grooves, and thoroughly cleans the entire crankcase, injectors and oil lines.

### FLOWAY

#### Degreaser

Floway contains a powerful grease-cutting solvent that penetrates, dissolves and removes grease, tar, ink, asphalt, oil, dirt, crud, grime, carbon and gunk. Excellent for cleaning greasy equipment, engines, parts and tools, brake lines and drums. Easily washes off and doesn't attack painted surfaces. Contains no chlorinated solvents.

## INDUSTRIAL LUBRICANTS

### PYROLUBE

#### High Temperature Lubricant

Pyrolube provides superior, long-lasting lubrication at temperatures up to 1359°F (700°C), and is ideal for high temperature environments that create lubrication problems. Produces smooth graphoid lubrication. Will not drip or form abrasive particles. Leaves a smooth, lubricated surface. Prevents metal-to-metal contact, reducing wear. Use on industrial furnaces and other high temperature equipment, kiln cars, conveyor systems, rotary kilns, stokers, baking and drying ovens, gears, chains, bearings, glides and more. Available as a grease or liquid. Used by the U.S. Military.

### MICROIL

#### Precision Instrument Lubricant

For lubricating bearings and mechanisms in precision instruments, gauges, meters, clocks, micrometers, counters, controls, firearms, light machinery, office machines and other small mechanisms.

## RUST SOLUTIONS

### EXRUST

#### Rust Remover

Exrust is an industrial strength rust remover that penetrates and chemically reacts with rust to quickly remove it from all surfaces. Effective on all ferrous metals without harming the base steel or iron\*. After treatment, any type of finish can be applied.

\*Do not use on non-ferrous metals.

#### AVAILABLE SIZES

Kreen 1-quart liquid  
Kreen 1-gallon can  
Kreen 5-gallon pail \*\*\*  
Kreen 55-gallon drum \*\*\*  
\*\*\*Additional Hazmat shipping charges

Floway 13oz aerosol  
Floway 1-gallon liquid  
Floway 5-gallon pail  
Floway 55-gallon drum

Pyrolube 1-gallon liquid  
Pyrolube 5-gallon pail  
Pyrolube 55-gallon drum  
Pyrolube Grease 5lb tub  
Pyrolube Grease 35lb tub

Microil 8oz liquid  
Microil 1-quart can  
Microil 1-gallon can  
Microil 5-gallon pail

Exrust 16oz liquid  
Exrust 1-gallon liquid  
Exrust 5-gallon drum \*\*\*  
Exrust 55-gallon drum \*\*\*  
\*\*\*Additional Hazmat shipping charge will be added.

# KROIL<sup>®</sup> SPECIFICATIONS

PART NO.	PRODUCT NAME	CONTAINER TYPE	NET CONTENTS	UNITS/CASE	ITEM UPC
KS102C	Kroil Original Penetrant	Aerosol	10 oz	12	857236004018
KS132C	Kroil Original Penetrant	Aerosol	13 oz	12	857236004025
KS162C	Kroil Original Penetrant	Aerosol	16.5 oz	12	857236004032
KL081C	Kroil Original Penetrant	Liquid	8 oz	24	857236004087
KL011	Kroil Original Penetrant	Liquid	1 gal	1	857236004124
KL051	Kroil Original Penetrant	Liquid	5 gal	1	857236004100
KL551	Kroil Original Penetrant	Liquid	55 gal	1	857236004186
SK102C	Kroil Penetrant with Silicone	Aerosol	10 oz	12	857236004056
SK162C	Kroil Penetrant with Silicone	Aerosol	16.5 oz	12	857236004049
SK011	Kroil Penetrant with Silicone	Liquid	1 gal	1	857236004131
SK051	Kroil Penetrant with Silicone	Liquid	5 gal	1	857236004322
SK551	Kroil Penetrant with Silicone	Liquid	55 gal	1	857236004582
PH132	Kroil Penetrant with Graphite	Aerosol	13 oz	12	857236004063
PH011	Kroil Penetrant with Graphite	Liquid	1 gal	1	857236004162
PH051	Kroil Penetrant with Graphite	Liquid	5 gal	1	857236004933
PH551	Kroil Penetrant with Graphite	Liquid	55 gal	1	857236004896
KR161	Kano Kreen - All-in-One Gas & Oil Treatment	Liquid	1 qt (16oz)	12	857236004155
KR011	Kano Kreen - All-in-One Gas & Oil Treatment	Liquid	1 gal	1	857236004568
KR051	Kano Kreen - All-in-One Gas & Oil Treatment	Liquid	5 gal	1	857236004384
KR551	Kano Kreen - All-in-One Gas & Oil Treatment	Liquid	55 gal	1	857236004889
FL132	Kano Floway - Degreaser	Aerosol	13 oz	12	857236004070
FL011	Kano Floway - Degreaser	Liquid	1 gal	1	857236004179
FL051	Kano Floway - Degreaser	Liquid	5 gal	1	857236004377
FL551	Kano Floway - Degreaser	Liquid	55 gal	1	857236004872
PY011	Kano Pyrolube - High Temp Lubricant	Liquid	1 gal	1	857236004117
PY051	Kano Pyrolube - High Temp Lubricant	Liquid	5 gal	1	857236004407
PY551	Kano Pyrolube - High Temp Lubricant	Liquid	55 gal	1	857236004902
PG5P3	Kano Pyrolube - High Temp Grease	Tub	5 lb	1	857236004254
PG353	Kano Pyrolube - High Temp Grease	Drum	35 lb	1	857236004261
MC081	Kano Microil - Precision Lubricant	Liquid	8 oz	24	857236004285
MC161	Kano Microil - Precision Lubricant	Liquid	1 qt (16 oz)	1	857236004292
MC011	Kano Microil - Precision Lubricant	Liquid	1 gal	1	857236004308
MC051	Kano Microil - Precision Lubricant	Liquid	5 gal	1	857236004391
MC551	Kano Microil - Precision Lubricant	Liquid	55 gal	1	857236004919
EX161	Kano Exrust - Rust Remover	Liquid	16 oz	1	857236004209
EX011	Kano Exrust - Rust Remover	Liquid	1 gal	1	857236004193
EX051	Kano Exrust - Rust Remover	Liquid	5 gal	1	857236004445
EX551	Kano Exrust - Rust Remover	Liquid	55 gal	1	857236004278

SDS available at [www.kroil.com](http://www.kroil.com)

- Kroil Original Penetrant and Penetrant with Silicone meet and exceed Mil Spec A-A-50493
- National Stock Numbers:
  - Kroil Penetrant 10oz Aerosol: 9150-00-529-7518
  - Kroil Penetrant 13oz Aerosol: 9150-00-905-1387
  - Kroil Gallons: 9150-00-985-7121
  - Kroil Penetrant with Silicone 10oz Aerosol: 9150-01-247-6313
- Approved for use in nuclear plants as a Category 1 material

Nonfood Compounds Program Listed Category Code: H2 Registration  
 Kroil Original Penetrant #165745 (liquid)  
 Kroil Penetrant with Graphite #165747 (liquid)  
 Kano Pyrolube #165746 (liquid)

## TESTIMONIALS

“Kroil does the job so well. You have to consider the time you spend taking a broken bolt out and how much you’re going to struggle trying to get those bolts out. It pays for itself if the product does the job of getting the bolt out easily and quickly.”

– Plant Manager, Manufacturer

“We deal with a lot of situations where heat has frozen all bolts, particularly on hot box core jobs and heat treat ovens. Before Kroil, it was burn ‘em off and drill ‘em out. Now, we have a high rate of success with just Kroil and a hand impact wrench.”

– Senior Field Service Technician

“I freed a stuck brake wheel cylinder piston with Kroil Penetrant with Silicone. Just minutes after spraying it on top of the piston, it was able to be drawn out with no damage to the piston or the cylinder.”

– Auto Mechanic

Contact your Kano Laboratories – Kroil Brand Representative Today! | Kano Laboratories LLC | 800-311-3374 | [www.Kroil.com](http://www.Kroil.com)

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