

P-80 TEMPORARY RUBBER LUBRICANTS

The safe, easy, inexpensive way to improve production and assembly operations involving rubber and soft plastics.



P-80 TEMPORARY RUBBER LUBRICANTS

The "Product of Choice" for installation and assembly of rubber parts!

Water-Based | Non-Flammable | Ready to Use

What are P-80® Temporary Rubber Lubricants?

P-80® Lubricants are unique assembly aids. They are specifically formulated to provide temporary lubrication that makes rubber easy to install, remove, or otherwise manipulate. P-80's temporary nature is a result of its chemical composition. The lubricants provide a high degree of lubricity when wet, but because they do not contain any silicon or other persistent ingredients, once dry the slipping action goes away. P-80® products are also free of petroleum distillates, so they will not dry, crack or otherwise harm rubber parts. P-80® is compatible with most metals, plastics, and natural and synthetic elastomers. Also available in incidental food contact formulas (IFC)!

P-80® products have been proven effective for a wide range of assembly operations involving:

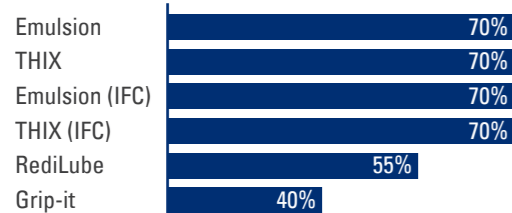
- Boots
- Bumpers
- Bushings
- Diaphragms
- Foam grips
- Grommets
- Hoses
- Insulators
- Mounts
- O-rings
- Plugs
- Rubber moldings
- Seals
- Sleeves
- Tires
- Rubber washers
- Wire harnesses

... And hundreds of other rubber and soft plastic parts.

USE P-80® TO HELP:

- Avoid musculoskeletal and slippage related injuries
- Increase production rates
- Achieve closer fits
- Reduce Rejects
- Improve product performance
- Reduce installation force

REDUCTION OF FRICTION



ESTIMATED MINIMUM DRY TIME



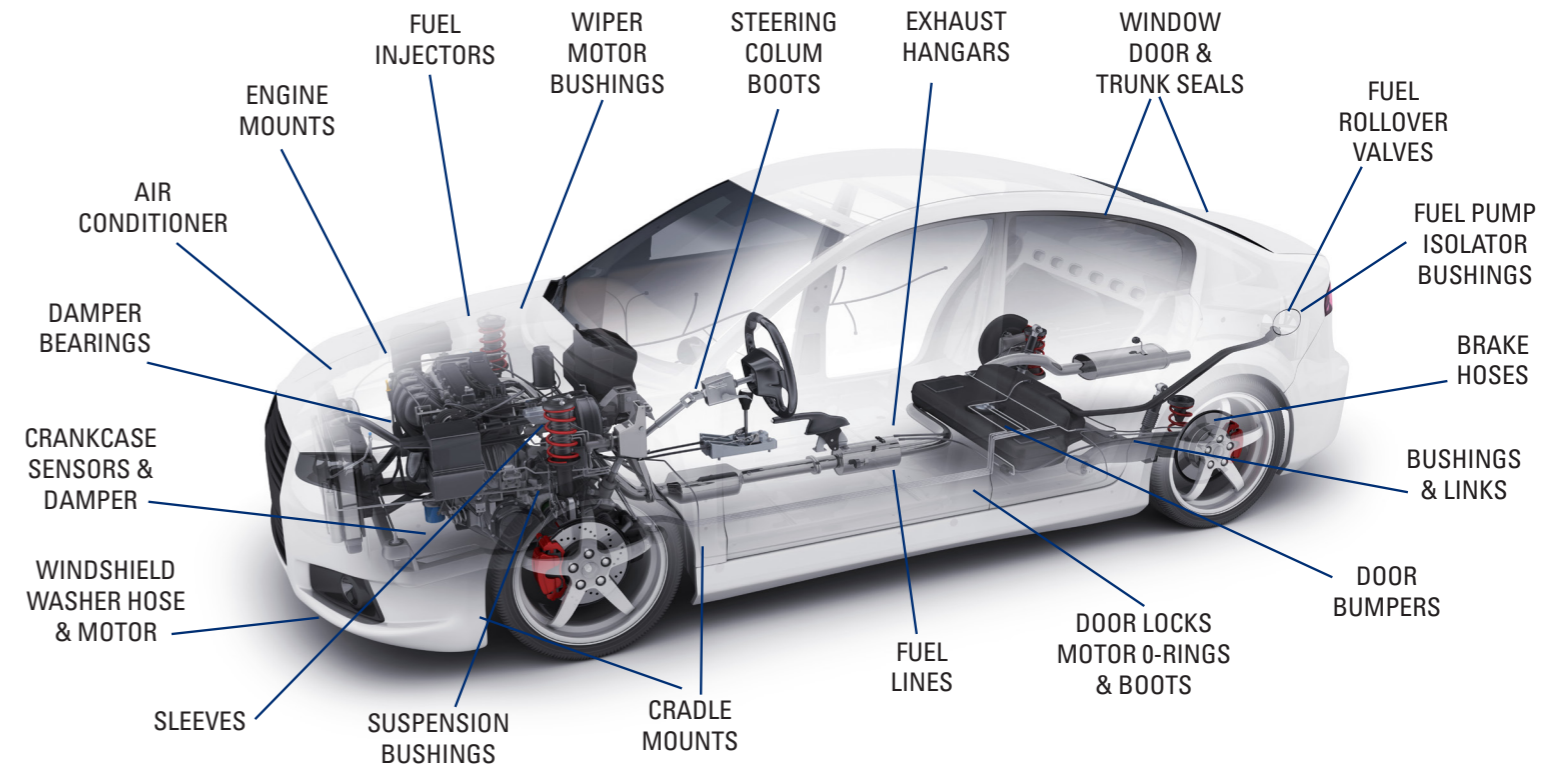
The chart below is designed to assist in determining the best P-80® for different applications. For most applications, the lubricants can be used interchangeably depending on the preference of the user.

	INDUSTRIAL LUBRICANTS				INCIDENTAL FOOD CONTACT LUBRICANTS	
	P-80® Emulsion	P-80® THIX	P-80® Grip-it	P-80® RediLube	P-80 Emulsion (IFC)	P-80 THIX (IFC)
Dynamic viscosity, cP @25°C	150	12000	10	25	150	16000
Kinematic viscosity, mm ² /s @25°C	150	12500	10	25	153	16327
Reduction of Friction	~70%	~70%	~40%	~55%	~70%	~70%
Estimated minimum dry time	1 hour	2 hours	20 minutes	20 minutes	1 hour	2 hours
pH @25°C	8.5	8.3	10.6	8.5	8.5	8.8
Appearance	Milky white to beige	White to beige gel	Clear, colorless	Milky white to light yellow	Milky white to beige	White to beige gel

Above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

TYPICAL AUTOMOTIVE APPLICATIONS:

Use P-80 for the installation and assembly of rubber and plastic parts!



ABOUT THE LUBRICANTS

P-80® Emulsion "The Original." A blend of synthetic esters and water. P-80® Emulsion provides a thin film of lubrication to significantly reduce friction.

P-80® THIX A non-drip thixotropic gel that is ideal for overhead and vertical assembly operations. Provides excellent lubrication.

P-80® Grip-it A quick-drying, water-based surfactant mixture that dries tacky to help parts stay in place. Excellent for use on pressure-tested hoses.

P-80® RediLube A low-residue lubricant designed for use on non-porous and coated rubber surfaces. Lubricates well but dries quickly and completely.

P-80® Emulsion IFC & P-80® THIX IFC Have the same lubricating properties as P-80® Emulsion and P-80® THIX, but are formulated for use on parts that may come in contact with food. Typical applications include assembly of appliances, pumps, and food-processing equipment. P-80® IFC Temporary Rubber Lubricants are registered with NSF for use in USDA H1 applications and meet FDA regulation 21 CFR 178.3570, which controls lubricants in contact with food surface areas.



P-80® available in resealable 10 mL tubes! **REQUEST A FREE SAMPLE AT WWW.IPCOL.COM** or at your local sales representative

HISTORY OF INNOVATION

In 2021 IPCW was acquired by DuBois Chemicals, the mother-company of CIMCOOL. Cimcool will supply and service the IPC products direct from CIMCOOL locations in Europe, resulting in a fast and reliable delivery time.

Since 2020 the Cimcool organization is an operating company of DuBois Chemicals. For already 100 years, DuBois Chemicals is a leading single source specialty chemical supplier to the manufacturing of, metalworking, heat treatment, food and beverage, paper and pulp, and water treatment industries.

The success story of Cimcool starts as a sub-division of Cincinnati Milacron in the US. One of the highlights was the production of the first synthetic metalworking fluid in the 1940's. Thereafter Cincinnati Milacron opened a machine tool factory in the Netherlands in 1954 which was the beginning of the European Cimcool organisation as we know it today.

CIMCOOL's European headquarters is situated in Vlaardingen, The Netherlands. From this location we develop, produce and transport all our products for the European, Russian, African, Middle Eastern and part of the Asian market. Each country in this area has its own sales office or distributor. Through years of experience in the metalworking industry and our broad geographical presence we can provide you with the right products and the right service in the right place.

Over the last 75 years, our research labs have continued to innovate by developing a comprehensive family of premium synthetic, semi-synthetic and soluble oil metalworking fluids. Every step of the way, CIMCOOL invented the products and processes our customers needed, setting the standards for industry performance.



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