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NOT ALL DISPENSERS WORK WELL WITH EVERY ONE OF OUR PRODUCTS. SO OUR CHEMIST, LINDA WOLFE, RESEARCHED THE OPTIONS AND HERE OFFERS HER RECOMMENDATIONS FOR THE TOP DISPENSERS TO USE WITH P-80® LUBRICANTS.



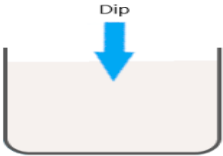













By Product:	Brush	Spray Bottle	Sponge Soap Pump	Designetics Cap 26DM	Designetics Cap 44CV	Designetics Cap 51BA
P-80® Emulsion 						
P-80® Grip-It 						
P-80® RediLube 						

	Brush	Spray Bottle	Sponge Soap Pump	Designetics Cap 26DM	Designetics Cap 44CV	Designetics Cap 51BA
P-80® THIX 						
P-80® THIX IFC 		4 Liter Pump 	Sauce Bottle 			
P-80® Emulsion IFC 		4 Liter Pump 	Squeeze bottle 			

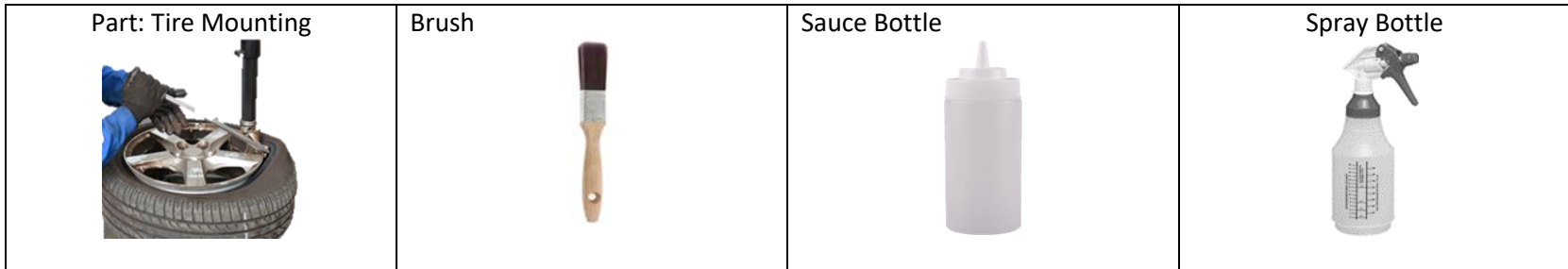


NOTE: Flip spout caps can be used to dispense P-80®. These caps come standard on the 112 ml containers (neck 24/410) of P-80® Emulsion, the 220 ml containers (neck 28/410) of P-80® THIX, and the 225 ml containers (neck 28/410) of P-80® Emulsion IFC.

AFTER CONCLUDING WHICH DISPENSERS WORKED BEST WITH EACH LUBRICANT, LINDA SORTED THEM BY THE PARTS YOU'LL BE USING WITH P-80®.

<p>O-rings</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Sponge Soap Pump</p> 
<p>Rubber Hoses</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Spray Bottle</p> 
<p>Grip Assembly</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Spray Bottle</p> 
<p>Rubber Weather Stripping</p> 	<p>Brush</p> 	<p>Sponge Soap Pump</p> 	<p>Spray Bottle</p> 

<p>Cable Assembly</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Sponge Soap Pump</p> 
<p>Rubber Grommets</p> 	<p>Brush</p> 	<p>Squeeze Bottle</p> 	<p>Sponge Soap Pump</p> 
<p>Rubber Seals</p> 	<p>Brush</p> 	<p>Spray Bottle</p> 	<p>Sponge Soap Pump</p> 
<p>Rubber Bushings</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Sponge Soap Pump</p> 
<p>Rubber Washers</p> 	<p>Brush</p> 	<p>Reservoir</p> 	<p>Sponge Soap Pump</p> 



HERE'S A SUMMARY OF THE FINDINGS:

Types of applicators recommended for less viscous lubricants									
	Brush	Lab-type Squeeze Bottle	Spray Bottle	Push-down Bottle	Sponge soap pump	4L Bottle Pump 38mm Neck	Designetics 26 DM 24mm Neck	Designetics 44 CV 24mm Neck	Designetics 51 BA 24mm Neck
P-80® Emulsion	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
P-80® Grip-It	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
P-80® RediLube	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
P-80® Emulsion IFC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Types of applicators recommended for THIX & THIX IFC						
	Brush	Squeeze bottle	Sponge soap pump	Sauce bottle	4 Liter Pump	Designetics 26DM
P-80® THIX	Yes	No	Yes	Yes	Yes	Yes
P-80® THIX IFC	Yes	Yes	Yes	Yes	Yes	Yes

LINDA ALSO LOOKED CLOSELY AT WHY A DISH SOAP DISPENSER DOESN'T WORK WELL.



1. Most sponges come pre-moistened and with an antimicrobial preservative. If the sponge is not properly rinsed before use, the antimicrobial preservative can interact with IPC's lubricants, causing lumpy precipitation.
2. Because sponges are porous and absorb water, they are ideal incubators for microbial growth. And sponges harbor more bacteria the longer they are used. Not only does reusing a contaminated sponge lead to the spread of microorganisms on surfaces, but repeatedly dipping a used, contaminated sponge into IPC's lubricants could overpower the lubricant's preservative system, therefore causing spoilage of the lubricant.
3. In order to avoid spreading germs, sponges need to be replaced often. If a sponge is used, it needs to be thoroughly rinsed before use; but if the sponge is too wet after rinsing, the lubricant will become diluted and will not be as effective at reducing friction. In addition, most of the lubricants don't flow through the handle easily.

Please Note: If a sponge is used, make sure that it is preservative-free, non-abrasive, and replaced often.

<http://www.foodprotection.org/files/food-protection-trends/may-jun-17-gerba.pdf>

**BEFORE CHOOSING A MANUAL APPLICATION METHOD, CONSIDER WHICH LUBRICANT YOU ARE USING
AND WHAT KIND OF PART IT WILL BE APPLIED TO.**









There are many options available for manually applying lubricants. They include, but are not limited to, the products mentioned in this post. A paintbrush is the easiest way to apply any P-80® lubricant. They are widely available and come in many different sizes, shapes, and bristle stiffnesses to fit your needs. If spraying is the method of choice, you can purchase spray tops directly from IPC that fit our 222 ml, 475 ml and 1 Liter bottles. A thick liquid sprayer, which can be used with THIX & THIX IFC, is available from McMaster-Carr but is only recommended if it is necessary to cover a *wide* area (see website information below).

To apply a thin line of lubricant, squeeze bottles may be used. There are different types of squeeze bottles to choose from—a lab-style squeeze bottle works well with the thinner lubricants. The tip of these bottles can be clipped to adjust the amount of lubricant applied. There are also

kitchen-style sauce bottles. These bottles work well with thicker lubricants. *Designetics* sells applicator tops that fit directly on IPC's 112 mL bottles and any bottle with a 24 mm neck. They come in felt and brush-style applicators. Please contact *Designetics* directly for more information at 888-846-8477 or visit www.designetics.com

A push-down bottle—like those used for acetone in nail salons—can be used to dispense a small amount of lubricant per pump. A hose, O-ring, or other small part can be dipped into a reservoir prior to assembly. A soap dispensing sponge holder can also be used. Lubricant can be held in the bottom part and be pumped up as needed. The soap dispensing sponge holder comes with a sponge; however, it does not have to be used. There are certain issues with using sponges that have been explained on page six of this flyer.

You Can Purchase These Types of Dispensers Online:

			
4-Liter Bottle Pump	Sauce Bottle	Push-down Bottle	Squeeze Bottle
			
Paintbrush	Spray Bottle	Sponge Soap Pump	Thick Liquid Sprayer

When using any of the above-mentioned applicators, good hygiene must be practiced. Paintbrushes and sponges must be replaced when they become dirty. All container dispensers must be cleaned periodically to prevent contamination. Here's where to find the recommended items:

- **Soap pump:** https://www.amazon.com/dp/B079PL2X1L/ref=cm_sw_em_r_mt_dp_LfhHFbWGMA3TZ
- **Spray bottle:** https://www.amazon.com/dp/B00BSE0JSK/ref=cm_sw_em_r_mt_dp_6jhHFbGJFNBY
- **Push-down pump:** https://www.amazon.com/dp/B07WZR6H8X/ref=cm_sw_em_r_mt_dp_lihHFbA1F4TOC
- **Sponge handle:** https://www.amazon.com/dp/B000BOC4ZY/ref=cm_sw_em_r_mt_dp_KdhHFbQN80QVV
- **Choice 16 oz. clear wide-mouth squeeze bottle 6/Pack aka sauce bottle:** <https://www.webstaurantstore.com/choice-16-oz-clear-wide-mouth-squeeze-bottle-pack/176SB16CW.html>
- **Thick liquid sprayer:** <https://www.mcmaster.com/1776N32/>
- **4 Liter container pump:** <https://www.mcmaster.com/4249K32/>
- **Easy-fill spray bottle:** <https://www.mcmaster.com/2392T31/>
- **Lab-style squeeze bottle:** https://www.amazon.com/dp/B00WTHLR18/ref=cm_sw_em_r_mt_dp_QfhHFbFYMMSA2

CONTACT US: INTERNATIONAL PRODUCTS CORPORATION, 609-386-8770, www.ipcol.com