FM0718
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Supersedes
0114

ZOELLER PUMP COMPANY

Product Information

VORTEX IMPELLER INSTALLATION

All Vortex design pumps utilize a thread locking adhesive to secure the impeller to the shaft. Always use a thread locking adhesive when replacing any Vortex impellers to insure the impeller will remain on the shaft. See the chart below for correct adhesive for various units.

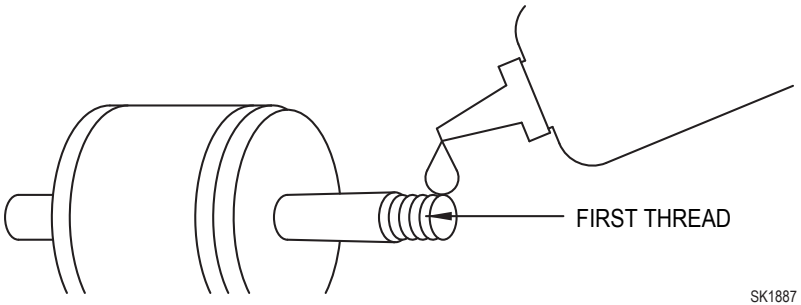
Series	Adhesive	Torque in/lbs.
53/1053, 55 & 98 (Plastic)	Loctite - #222	138
55, 57/1057, 59/1059 & 98 (Metal)	Loctite - #262	138
264/1264, 266, 267 & 270 (Plastic)	Loctite - #222	138
264/1264, 266, & 267(Metal)	Loctite - #262	138
137, 160, 180, 270, 280, 290 Series (Metal)	Loctite - #262	156

Loctite products are available through industrial suppliers.

NOTE: Please refer to Loctite manufactures recommendations as to the shelf life of their products.

INSTRUCTIONS

1. Clean and dry threads on rotor shaft and in impeller. (Oil, dirt and grease destroy the adhesive's bonding strength)
2. Place bead of Loctite adhesive on threads of the rotor shaft. (See Fig. 1)
3. Place impeller carefully on the shaft and tighten until the impeller touches the ceramic seal. Sight check or feel to insure seal alignment. Tighten impeller until it bottoms out on the rotor shaft and torque to the above specifications.



⚠ CAUTION Do not allow adhesive to get between seal surfaces.

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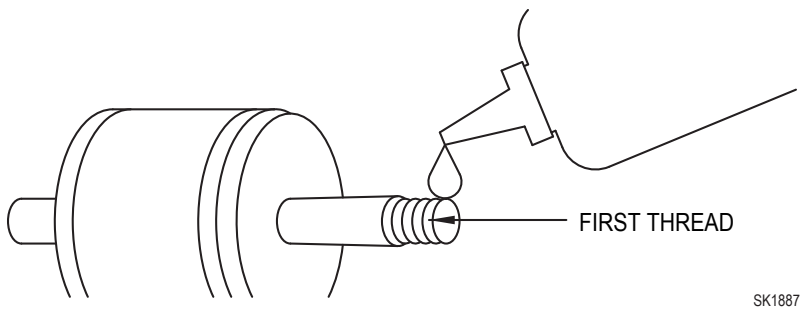
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