

# ► CORE MRO PRODUCT INTRODUCTION

## LOCTITE PC 7227 (BRUSHABLE CERAMIC GREY)

- Ceramic and silicon carbide filled – for abrasion protection.
  - Smooth and glossy end-surface coating.
  - Easy application with brush or sponge roller.
  - Reduce downtime.
  - Excellent bonding strength to metal and concrete material.
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- Spray method also available (Loctite PC 7255 – Sprayable Ceramic)
  - High Temp Brushable Ceramic (230°C)
  - Ultra High Temp Brushable Ceramic (288°C)



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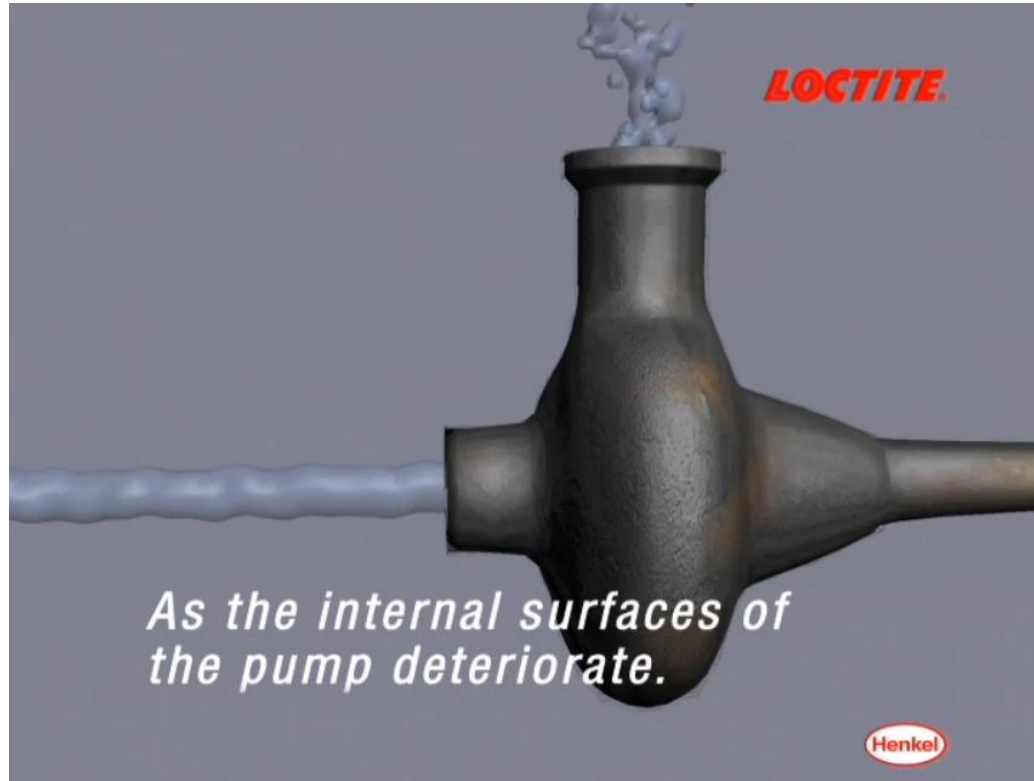
## LOCTITE PC 7227 (@PUMP INTRODUCTION)

### CENTRIFUGAL PUMPS



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## LOCTITE PC 7227 (CHEMICAL COMPATIBILITY)

**Loctite - Nordbak & Fixmaster - Chemical Resistance Chart**  
Customer to perform tests with their application to determine suitability of product selected. All applications are different and will need to consider the effects of temperature and chemical conditions. This Chart is a reference and is only to be used as a basic guide. Surveys should be completed for all applications where conditions should be identified to determine suitability. These results form basis of all 25 degree Celsius.

	A	B	C	D	E	F	G	H	I	J
	Nordbak Resinable Ceramic	Fixmaster Flex Brush Lithium	Nordbak Ceramic Wear Compounds	Fixmaster Metal Resin Composites	Fixmaster Fast Set Steel	Fixmaster Flex 90 Fatty Urethane	Fixmaster Flex 90 Liquid Urethane	Fixmaster Floor Fill	Deep Four Grout	Fast Set Grout
VG=Very Good, G=Good, F=Fair, U=Unsatisfactory										
ACIDS INORGANIC	Chlorosulphuric Acid (Dry)	U	F	F	F	F	F	U	U	U
	Chlorosulphuric Acid (Wet)	U	U	F	F	F	F	U	U	U
	Hydrobromic Acid (0-10%)	VG	VG	VG	VG	F	G	G	VG	VG
	Hydrochloric Acid (0-10%)	VG	VG	VG	VG	F	VG	VG	VG	VG
	Hydrofluosilicic Acid	U	U	F	F	F	U	U	U	U
	Nitric Acid (0-10%)	G	F	VG	VG	F	F	F	G	G
	Nitric Acid (10-20%)	F	F	G	G	F	F	F	F	F
	Nitric Acid (above 20%)	U	U	F	F	F	U	U	U	U
	Nitrous Acid (0-10%)	VG	U	VG	VG	G	G	G	VG	VG
	Oilum	U	U	U	U	U	U	U	U	U
	Phosphoric Acid (0-5%)	VG	G	VG	VG	G	F	F	VG	VG
	Sulfuric Acid (0-10%)	VG	U	VG	VG	F	U	U	VG	VG
	Sulfuric Acid (10-20%)	G	U	G	G	F	U	U	G	G
	Sulfuric Acid (above 20%)	F	U	F	F	U	U	F	F	F
ACIDS ORGANIC	Acetic Acid (0-10%)	VG	G	VG	VG	F	G	G	VG	VG
	Acetic Acid (10-20%)	G	F	VG	VG	F	U	U	G	G
	Acetic Acid (above 20%)	F	U	F	F	F	U	U	F	F
	Carbolic Acid	U	U	F	F	U	U	U	U	U
	Carbonic Acid	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Chloroacetic Acid	U	U	F	F	U	U	U	U	U
	Croset Oil	F	U	F	F	U	U	U	F	F
	Croset Acid	U	U	U	U	U	U	U	U	U
	Fatty Acids (High Molecular Weight)	VG	G	VG	VG	U	G	G	VG	VG
	Lactic Acid (0-10%)	G	U	G	G	G	U	G	G	G
	Linolic Acid	VG	U	VG	VG	U	U	VG	VG	VG
	Malic Acid	VG	U	VG	VG	G	U	U	VG	VG
	Malic Acid	VG	U	VG	VG	G	U	U	VG	VG
	Oleic Acid	VG	U	VG	VG	G	U	U	VG	VG
	Palmitic Acid	VG	U	VG	VG	F	U	U	VG	VG
ALCOHOLS	Phthalic Acid	VG	U	VG	VG	U	U	U	VG	VG
	Phthalic Anhydride	VG	U	VG	VG	G	U	U	VG	VG
	Sallylic Acid	VG	U	VG	VG	U	U	U	VG	VG
	Stearic Acid	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Tannic Acid	VG	G	VG	VG	VG	F	F	VG	VG
	Tartaric Acid	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Alcohols - methyl, ethyl	U	U	U	U	U	U	U	U	U
	Alcohols - butyl, propyl	G	U	VG	VG	G	U	U	G	G
	Alcohols - amyl	G	U	VG	VG	G	U	U	G	G
	Ethylene Glycol	VG	U	VG	VG	G	U	U	VG	VG
	Glycerine or Glycerol	VG	VG	VG	VG	G	VG	VG	VG	VG
	Glycols	VG	VG	VG	VG	G	VG	VG	VG	VG
	Hexanol, Tertiary	VG	G	VG	VG	G	F	F	VG	VG
	Isopropyl Alcohol	G	G	VG	VG	G	F	F	G	G
	Phenol (100%)	U	U	U	U	U	U	U	U	U

ALKALIS	Propylene Glycol	VG	G	VG	VG	G	VG	VG	VG	VG
	Ammonia Solution (0-10%)	VG	VG	VG	VG	G	VG	VG	VG	VG
	Ammonia Solution (10-20%)	G	G	VG	VG	F	G	G	G	G
	Ammonia Solution (above 20%)	G	U	VG	VG	F	U	U	G	G
	Barium Hydroxide	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Calcium Hydroxide	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Lime Water	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Magnesium Hydroxide	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Potassium Hydroxide (0-10%)	VG	VG	VG	VG	G	VG	VG	VG	VG
	Potassium Hydroxide (10-20%)	VG	VG	VG	VG	G	VG	VG	VG	VG
	Potassium Hydroxide (above 20%)	G	U	G	G	F	U	U	G	G
	Soap Solutions (saponates)	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Sodium Hydroxide (0-10%)	VG	VG	VG	VG	G	VG	VG	VG	VG
	Sodium Hydroxide (10-20%)	VG	VG	VG	VG	G	VG	VG	VG	VG
	Sodium Hydroxide (above 20%)	G	VG	G	G	F	VG	VG	G	G
AMINES	Aniline	F	U	VG	VG	U	U	F	F	F
	Diethylamine	F	U	VG	VG	VG	U	F	F	F
	Methylamine	F	U	VG	VG	VG	U	F	F	F
BEVERAGES AND FOODSTUFFS	Apple Juice	F	F	F	F	F	F	F	F	F
	Beer	VG	F	VG	VG	G	F	F	VG	VG
	Beet Sugar Liquors	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Butter	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Buttermilk	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Cider	F	F	F	F	F	F	F	F	F
	Citrus Juices	G	F	G	G	F	F	G	G	G
	Coffee Extracts (Hot)	VG	F	VG	VG	G	F	F	VG	VG
	Fermentation Liquor	G	F	VG	VG	G	F	F	G	G
	Fruit Juices (other than citrus)	VG	G	VG	VG	G	G	G	VG	VG
	Gelatin	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Glucose	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Ketchup	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Margarine	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Milk	VG	VG	VG	VG	VG	VG	VG	VG	VG
ESTERS AND ETHERS	Molasses - Edible	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Molasses - Crude	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Mustard	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Pineapple Juice	VG	G	VG	VG	G	G	G	VG	VG
	Sugar Liquids	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Sugar Syrups	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Tomato Juice	VG	VG	VG	VG	VG	VG	VG	VG	VG
	Vinegar	F	F	F	F	F	F	F	F	F
	Whiskey & Wine	VG	F	VG	VG	G	F	F	VG	VG
	Amyl Acetate	U	U	U	U	U	U	U	U	U
	Butyl Acetate	U	U	U	U	U	U	U	U	U
	Dibutyl Adipate	VG	U	VG	VG	U	U	U	VG	VG
	Dibutyl Phthalate	VG	U	VG	VG	U	U	U	VG	VG
	Dibutyl Sebacate	VG	U	VG	VG	U	U	U	VG	VG
	Diethyl Adipate	VG	U	VG	VG	U	U	U	VG	VG
	Diethyl Phthalate	VG	U	VG	VG	U	U	U	VG	VG
	Diethyl Sebacate	VG	U	VG	VG	U	U	U	VG	VG
	Ethers - diethyl, isopropyl	G	U	VG	VG	G	U	U	G	G
	Ethyl Acetate	U	U	U	U	U	U	U	U	U
	Methyl Acetate	U	U	U	U	U	U	U	U	U

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## LOCTITE PC 7227 (ACH'S)

- **Customer / Country**
  - Petrochemical plant in South Sumatra/Indonesia
- **Problem / Application**
  - Erosion & Corrosion of Outer & Inner Cooling Water Pump
- **Solution**
  - Loctite EA 3478 (Superior Metal) and Loctite PC 7227 (Brushable Ceramic Grey)
- **Benefits**
  - Significant improvement in the life of the asset



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## LOCTITE PC 7227 (ACH'S)

- **Customer / Country**
  - Sugar Plant/Indonesia
- **Problem / Application**
  - Erosion & Corrosion of Water Pump
- **Solution**
  - Loctite EA 3478 (Superior Metal) and Loctite PC 7227 (Brushable Ceramic Grey)
- **Benefits**
  - Significant improvement in the life of the asset

