

# \* PRODUCT INFORMATION \*

## **HUSKEY™ 221R SILICONE GREASE**

### **DESCRIPTION**

**HUSKEY 221R SILICONE GREASE** represents the latest technology in lubrication. It is formulated from pure synthetic base oils and selectively treated with rust, oxidation and anti-wear additives coupled with a shear stable thickener to provide maximum parts protection in a wide range of temperatures from -50°F to 570°F (-45°C to 298.9°C)

**HUSKEY 221R SILICONE GREASE** is non-melting, has a high dielectric strength, low volatility and is insoluble in water, methanol, ethanol, dilute acids, caustics, glycol, glycerine, vegetable and mineral oils.

**HUSKEY 221R SILICONE GREASE** is designed to be compatible with most plastics and rubbers, especially ethylene propylene terpolymer (EPDM, EPT) commonly used in Disc Brake Caliper systems.

### **USAGE**

**HUSKEY 221R SILICONE GREASE** was originally designed as a problem solving, anti-corrosion lubricant for all moving caliper hardware, backing plates and seals of Disc Brake Caliper assemblies. However, due to its water, chemical and corrosion resistance capabilities it is an excellent choice in a wide variety of automotive, marine, agriculture, household and industrial applications. Some of its diversified uses include:

- DISC BRAKE CALIPERS
- BRAKE HARDWARE
- SPARK PLUG BOOTS
- BATTERY TERMINALS
- ELECTRICAL CONNECTIONS
- WEATHER STRIPPING
- GASKETS AND O'RINGS
- VALVES
- SLIDES AND WAYS
- POOL EQUIPMENT
- BUSHINGS
- MOTION CONTROLLERS

### **ADVANTAGES**

- PREVENTS RUST & CORROSION
- CHEMICAL RESISTANT
- WIDE TEMPERATURE RANGE
- HIGH DIELECTRIC STRENGTH
- NON MELTING
- EXTREMELY LOW VOLATILITY
- WATERPROOF, WILL NOT WASHOUT
- REDUCES WEAR



## **HUSKEY Specialty Lubricants**

manufactured by HUSK-ITT Corporation / SPECIALTY LUBRICANTS Corporation

### **Western Region Office:**

1580 Industrial Avenue, Norco, California 92860  
(951) 340-4000 • Fax: (951) 340-4011  
(888) 4-HUSKEY • www.huskey.com

### **Eastern Region Office:**

8300 Corporate Park Drive, Macedonia, Ohio 44056  
(330) 425-2567 • Fax: (330) 425-9637  
(800) 238-LUBE

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## TYPICAL PROPERTIES

<b><u>DESCRIPTION</u></b>	<b>HUSKEY</b> Product:	<b>221R SILICONE GREASE</b>
	Color:	Translucent White
	Base Oil:	Polydimethylsilicone
	Thickener:	Synthetic
	Texture:	Tenacious
	Temperature Range:	-50°F to 570°F (-45°C to 298.9°C)

<b><u>TEST</u></b>	<b><u>TEST METHOD</u></b>	<b><u>RESULTS</u></b>
Penetration	ASTM D-217	
Unworked, mm		200-210
Worked 60 strokes, mm		230-245
NLGI No.		3
Flash Point, °F (°C)	ASTM D-92	570 (298.9)
Drop Point, °F (°C)	ASTM D-566	None
Pour Point, °F (°C)	ASTM D-97	-50 (-45.)
Base Oil Corrosion Test:	ASTM D-665	
Procedure A (distilled water)		Pass
Procedure B (synthetic sea water)		Pass
Oil Separation, % Loss	FTM 791.321	
24 hrs. @ 392°F (200°C)		0.0
Evaporation Loss, %	FTM 791.321	
24 hrs. @ 392°F (200°C)		.38
Elastomer Compatibility	ASTM D-4289	
EPDM Rubber, % Change		
(70 hrs. @ 250°F (121°C))		
Hardness		2.4
Swell		1.8
Corrosion Test,	ASTM D-1748	
100 hrs. @ 120°F (48.9°C)		Pass
Water Washout, % max.	ASTM D-1264	0.25
Dielectric Strength volts/mil, min.	ASTM D-149	800
Volume Resistivity, OHM-cm	ASTM D-257	1x10 <sup>13</sup>
Dielectric Constant, Kilovolts	ASTM D-150	2.8

### PACKAGE AVAILABILITY

1-gal. Pails, 5-gal. Pails, and 55-gal. Drums

The name of this product or group of products is for product identification only. HUSK-ITT CORPORATION makes no warranties, representations or conditions of any kind expressed or implied, whether for merchantability or fitness with respect to these products. The final determination of the suitability of the products for the application contemplated by the user is the sole responsibility of the buyer. HUSK-ITT CORPORATION sales personnel are not authorized to amend this warranty limitation. 02/07



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