

ATLANTIC™ 221R-DBC LUBRICANT

DESCRIPTION

ATLANTIC 221R-DBC LUBRICANT 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 -50EF to 570EF (-45EC to 298.9EC)

ATLANTIC 221R-DBC LUBRICANT 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.

ATLANTIC 221R-DBC LUBRICANT is designed to be compatible with most plastics and rubbers, especially ethylene propylene terpolymer (EPDM, EPT) commonly used in Disc Brake Caliper systems.

USAGE

ATLANTIC 221R-DBC LUBRICANT 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:

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

ADVANTAGES

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

TYPICAL SPECIFICATIONS

DESCRIPTION ATLANTIC Product: 221R-DBC Lubricant

Color: Translucent White
Base Oil: Synthetic
Thickener: Synthetic
Texture: Tenacious
Temperature Range: -50F to 570F (-45C to 298.9C)

<u>TEST</u>	<u>TEST METHOD</u>	<u>RESULTS</u>
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. @ 392F (200C)		0.0
Evaporation Loss, %	FTM 791.321	
24 hrs. @ 392F (200C)		.38
Elastomer Compatibility	ASTM D-4289	
EPDM Rubber, % Change		
(70 hrs. @ 250F (121C))		
Hardness		2.4
Swell		1.8
Corrosion Test,	ASTM D-1748	
100 hrs. @ 120F (48.9C)		Pass
Water Washout, % max.	ASTM D-1264	1.0
Dielectric Strength volts/mil, min.	ASTM D-149	800
Volume Resistivity, OHM-cm	ASTM D-257	1x10 ¹³
Dielectric Constant	ASTM D-150	2.8

PACKAGE AVAILABILITY

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