

### BOSS® 755 PRODUCT INFORMATION

BOSS® 755 is a soap thickened grease based on a blend of diester and a silicone fluids. It is designed for use in applications that require controlled rubber swell. It meets the requirements of Mil-G-4343C.

#### CHARACTERISTICS

<u>PROPERTY</u>	<u>TYPICAL VALUE</u>
Appearance	Tan paste
Penetration	275
Bleed (100°C-30 Hrs)	3.5%
Evaporation (100°C-22 Hrs)	0.4%
Specific Gravity	1.02
Oxygen Stability (100°C-50 Hrs)	1 PSI drop
Dropping Point	204°C
Apparent Viscosity (20 <sup>-1</sup> Seconds)	4,200 Poise
Corrosion on Copper	No evidence of pitting, etching, green discoloration or consistency change
Rubber Swell (L type rubber)	17%
Temperature Range	-65 to 175°C (-80 to 350°F)

#### APPLICATIONS

BOSS® 755 is a lubricant that is designed to provide controlled rubber swell. It is generally used to insure that rubber connectors such as O-rings form tight seals. Because of its wide operating temperature range, oxidation resistance, hydrolytic stability and non-corrosive nature, BOSS® 755 has found use in aircraft, automobiles, and pneumatic systems. It is an excellent general purpose lubricant

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for ball and roller bearings, motors, timing mechanisms, instrumentation, and other systems where a lubricant with long term stability is desired.

### AVAILABILITY

BOSS® 755 is available in 5.3 ounce tubes, 1 gallon pails (8 lbs), 5 gallon pails (40 lbs), 55 gallon drums (400 lbs) or other specialty packaging upon request.

### TOXICITY

BOSS® 755 has not been known to produce any lasting harmful effects. Contact with the eyes may cause transitory irritation which usually disappears in a few hours. If contact with the eyes occurs, flushing them with water will relieve and reduce the discomfort.

### STORAGE

The compound should be stored at 100°F or below for periods up to one year. Extended storage life is probable, but the compound should be checked for consistency before use.

### RESTRICTIONS

Do not use with highly oxidative chemicals such as liquid oxygen, chlorine or peroxides, nor on surfaces to be painted.

### CLEANING

Spilled silicone greases and compounds will cause slippery conditions. Wipe up and clean spills immediately to prevent possible injury.

Silicone greases and compounds may be cleaned with the use of hydrophobic solvents (non-polar) such as chlorinated ethanes, toluene, hexane, or mineral spirits. They are generally unaffected by hydrophilic solvents (polar) such as alcohols, ketones, ethers, or water.

Whenever solvents are used all proper safety precautions must be observed. It is advisable to consider all solvents as toxic and use them only in well ventilated areas with proper protective equipment such as goggles, gloves, clothing and respirators. Avoid prolonged exposure to solvents. Be aware of their flammability status.

Consult applicable OSHA, EPA and other federal, state and local regulations on the use and disposal of solvents.

Make sure that the choice of solvent does not affect the substrate that is being cleaned.

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MADE IN U.S.A.

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**BOSS® PRODUCTS**

Accumetric Inc.  
350 Ring Road  
Elizabethtown, KY 42701  
800-928-BOSS(2677)  
502-769-3385 FAX 502-765-2412