Unless designated otherwise, the following data refers to FLUID FILM® NAS or FLUID FILM® AS after the propellant has evaporated away following spray application.

Appearance
Clear, straw colored liquid.

Viscosity
Brookfield HBF, 70 ° F
#2 Spindle at 2 RPM
10.5 - 13.5 reading (16,800 - 21,600 cps)

Flash Point, Bulk Liquid:*ASTM-92 Cleveland Open Cup*
405°F minimum.

Non-Volatile
89% minimum (3 hours @ 220°F).

VOC.*CARB 310*
AS: Less than 25%, NAS: Less than 1%

Specific Conductivity
Less than 10 -9 ohm/cm @ 1 mHz.

Specific Gravity
0.875 - 0.885 (less propellant).

Effect on Rubber*ASTM D-471 @ ± 158°F 70 hours*
None on neoprene and buna-n. May cause swelling on non oil-resistant rubber goods.

Effect on Paint
None on most painted surfaces.

Effect on Aluminum
No pitting.

Extreme Pressure*ASTM D-2782 Timken Method*
Fail load - 15 pounds.

Wear Prevention - Characteristics*ASTM D-2266 Four Ball Method*
40 Kg., 1200 RPM for 1 hour @ 167°F. Results: Scar diameter of 0.49mm.

Repaintability
Contain no silicones. It is recommended that surfaces treated with **FLUID FILM® AS or NAS** be hot water or steam detergent washed (120°F), whichever is most effective.

Corrosion Protection*ASTM D-1735 Humidity Cabinet*
Passes 50 days.

ASTM D-1748*Humidity Cabinet*
Passes 30 days.

MIL-C-16173*Corrision Requirment*
Grade 2 -Soft Films. Meets & exceeds salt spray requirements.

Water Replacement
Displaces water from all metal surfaces (MIL-C-23411,Paragraph 3.6).

Toxicity
Non-toxic, LD-50 greater than 3 grams per kilogram. Non-irritating skin response. Very slight irritation to the eyes. (Toxicity tests performed according to standard methods by an independent laboratory).

Warning

AS: Extremely flammable. Contents under pressure. Do not puncture, incinerate or store above 120°F. Keep from open flame.

NAS: Combustible. Do not incinerate

Spray Nozzle Cleaning
Turn can upside down, point in a safe direction and spray until only propellant escapes. If spray button becomes clogged during use, pull it from the can and clean it with a fine wire or needle. Replace the button with a gentle twisting motion, keeping it pointed in a safe direction. Do not stick pins or other objects into nozzle tube.