



LUBRICANTS & LUBRICATING COMPOUNDS

D-5440NS



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Product description:

FLUOROCARBON DRY LUBRICANT ZERO OZONE DEPLETING

FEATURES:

- ▶ A fluorocarbon telomer that is chemically similar to the PTFE-fluorocarbon resin

KEY BENEFITS:

- ▶ Does not run or stain
- ▶ Excellent dry film lubricant for wood, plastic, rubber, paper, and metal
- ▶ Non-conductive and chemically inert
- ▶ Prevents corrosion on metal substrates and provides a lubricating surface for them
- ▶ Excellent anti-stick properties
- ▶ Withstands temperatures that range from cryogenic to **240°F (116°C)**
- ▶ Low coefficient of friction
- ▶ Does not attract dirt or dust
- ▶ Finds many uses throughout the aircraft
- ▶ Effective release agent for epoxies, polyurethanes, etc
- ▶ Provides substrate with highest adhesion possible while providing lubricating properties or a good release
- ▶ Replaces grease applications where the grease must be constantly changed out because of accumulation of debris



Rev: 200701
10-19-2026



For more information contact us :
zipchem@addevmaterials.com



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D-5440NS



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SPECS:

- Boeing DMS 1762, Type 7E
- Boeing DPM 3494 - Release Agent
- UAL LUB 4500-1750
- SCE 898-13117
- NSN: 9150-01-545-0801 (16 fl oz (473 mL) Aerosol)
- T.O. 1C-130A-23
- T.O. 1C-130J-23
- T.O. 1C-130H-2-12JG-20-1
- T.O. 1C-130J-2-12JG-20-1

APPLICATIONS:

- ✓ **D-5440NS** can be used in conjunction with the **Formit®** extensions to provide targeted spray to areas that may be difficult to reach but need to be coated. Please refer to the **Formit®** technical data sheet for more information. **D-5440NS** can also be used with the **Zip-Chem® Aerosol Trigger Sprayer** that is designed for use with any **Zip-Chem®** aerosol can.
- ✓ Currently being used on slat tracks to prevent corrosion and provide lubrication without the buildup of debris that is typically found if greases and oils are used
- ✓ Use **D-5440NS** on flap tracks and jackscrews
- ✓ The aerosol form of the **D-5440NS** Fluorocarbon is designed primarily to be used as a dry film lubricant or mold release where it is applied to a cold or warm surface (**less than 240°F (116°C)**).
- ✓ Bulk application available as **ZC-440**
- ✓ Please refer to the **D-5440NS** instruction manual for detailed application instructions. This manual can be obtained by reaching out to your **Zip-Chem®** rep for a copy of this document.
- ✓ Store **D-5440NS** at **40°F to 100°F (4.4°C - 37.8°C)** in the original unopened containers. Keep containers closed when not in use and protect **D-5440NS** from direct sunlight.

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PHYSICAL PROPERTIES:

- ▶ **Coefficient of Friction:** 0.06 to 0.09 (Static)
- ▶ **Density:** 7.7 lbs/gal (923 grams / Liter)
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Intermittent Temperature:** 240°F (116°C)
- ▶ **Melting Point:** 572°F (300°C)
- ▶ **Shelf Life:** 3 Years From Date Of Shipment If Properly Stored
- ▶ **Service Temperature:** 180°F (82°C)
- ▶ **Softening Point:** 510°F (265°C)

AVAILABLE PACK SIZES:

D-5440NS

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-002060



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AVAILABLE PACK SIZES (CONTINUED FROM PAGE 3):

ZC-440

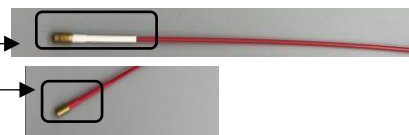
- ▶ Case of 12 each Quart (946 mL)-009660
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-007070
- ▶ 5 Gallon (18.9 Liter) Pail-007071
- ▶ 55 Gallon (208 Liter) Drum-007072
- ▶ Special Packaging Upon Request

Zip-Chem® Aerosol Trigger Sprayer

- ▶ 010040

Formit®

- ▶ 12 Assemblies Per Package
- ▶ **Formit® Sample Pack** with 3 each of
Formit®-18-F,
Formit®-18-180,
Formit®-18-360,
and **Formit®-18 STD-Fog-100107**



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