



## 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



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For more information contact us :  
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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.
- ✓ 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**
- ✓ 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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### D-5440NS



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#### **FLUOROCARBON DRY LUBRICANT ZERO OZONE DEPLETING**

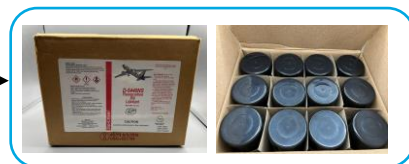
#### **PHYSICAL PROPERTIES:**

- ▶ **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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**ZERO OZONE DEPLETING**

**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

**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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