

D-5440NS



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



Rev: 20066D
10-11-2022

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ZERO OZONE DEPLETING****SPECS:**

- DMS 1762, Type 7E
- 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-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
- ✓ 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**

PHYSICAL PROPERTIES:

- ▶ **Coefficient of Friction:** 0.06 to 0.09 (Static)
- ▶ **Density:** 7.7 lbs/gal (923 g/L)
- ▶ **Fungal Growth per Fed-STD-810 Method 508.7:** 0 (No Microbial Growth)
- ▶ **Intermittent Temperature:** 240°F (116°C)

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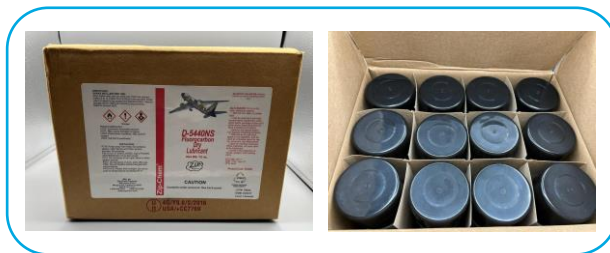
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PHYSICAL PROPERTIES:

- ▶ **Melting Point:** 572°F (300°C)
- ▶ **Service Temperature:** 180°F (82°C)
- ▶ **Softening Point:** 510°F (265°C)

AVAILABLE PACK SIZES:

- ▶ Case of 12 of 16 fl oz (473 ml) Aerosols-002060
- ▶ Case of 12 each Quart (946 ml)-009660
- ▶ Case of 4 each Gallon (4 each of 3.8L) Cans-007070
- ▶ 5 Gallon (18.9L) Pail-007071
- ▶ 55 Gallon (208L) Drum-007072
- ▶ Special Packaging Upon Request



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