

Safety Steps and Procedures To Follow Prior To Applying D-5440NS/ZC-440:

Always refer to the safety data sheet (SDS) prior to applying **D-5440NS/ZC-440** if you have any questions regarding the following safety and regulatory information about this product.

Always wear gloves and protective eyewear to prevent **D-5440NS/ZC-440** from making contact with the skin and eyes.

Always ensure that there is proper airflow in the area where **D-5440NS/ZC-440** will be applied and always wear respiration equipment in areas with insufficient ventilation.

Make sure there are no sparks, open flames, hot surfaces, or other heat and fire ignition sources in the area where **D-5440NS/ZC-440** will be applied.

D-5440NS/ZC-440 Product Information and Benefits:

D-5440NS/ZC-440 is a dry film lubricant and fluorocarbon telomer that is chemically similar to the PTFE-fluorocarbon resin and has a low coefficient of friction.

D-5440NS/ZC-440 prevents corrosion, especially on metal substrates, provides a lubricating surface for metal substrates, and provides lubrication without the buildup of debris from greases and oils.

D-5440NS/ZC-440 withstands temperatures from the cryogenic range to 240°F (116°C) and is an excellent dry film lubricant for wood, plastic, rubber, paper, and metal.

D-5440NS/ZC-440 does not stain or run, contains excellent anti-stick properties, does not attract dirt or dust, and is chemically inert and non-conductive.

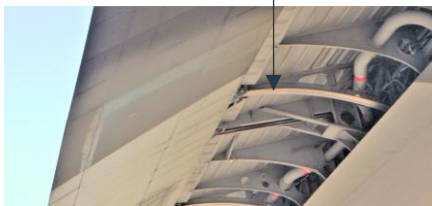
D-5440NS/ZC-440 provides substrate with the highest adhesion possible while still providing lubricating properties or a good release and is an effective release agent for epoxies, polyurethanes, etc.

D-5440NS/ZC-440 replaces grease applications where the grease must be constantly changed out because debris accumulated in it.

Areas Where D-5440NS/ZC-440 Can Be Applied:

D-5440NS/ZC-440 finds many uses throughout the aircraft and can be used on metal substrates, jackscrews, and for slat and flap track lubrication and corrosion protection without dealing with debris buildup that typically occurs if greases and oils are used. See images below for where it can be applied.

Flap track area of wing where **D-5440NS/ZC-440** is applied



Flap track area before application of **D-5440NS/ZC-440**



Flap track area after application of **D-5440NS/ZC-440**

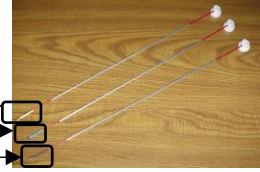


D-5440NS/ZC-440 is designed primarily to be used as a dry film lubricant or mold release where it is applied to a cold or warm surface (less than 240°F (116°C)).

Methods For Applying D-5440NS/ZC-440:

D-5440NS is the aerosolized form of **ZC-440** and can be spray applied or used in conjunction with the **Formit®** extension wands that are for use with all **Zip-Chem®** aerosols to reach difficult to access areas.

- * **Formit®** 360° Spray (White Tube) Wand
- * **Formit®** Fan Spray Spray (Blue Tube) Wand
- * **Formit®** 180° Spray (Black Tube) Wands



Formit® 360° Spray
Demonstration Video



Formit® Fan Spray
Demonstration Video



Formit® 180° Spray
Demonstration Video



ZC-440 is the bulk form of **D-5440NS** and can be applied via spray equipment and other bulk application equipment.

D-5440NS/ZC-440 Product Pictures and Zip-Chem® Product Packaging Part Numbers:

D-5440NS

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

ZC-440

- *Case of 12 each Quart (946 mL) units-**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

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|-----------------------|--------------------------------------|-----------------------|
| Gloves | Protective Eyewear | Respirating Equipment |
| Ventilating Equipment | Spray and Bulk Application Equipment | |

Formit®

- ***Formit®-18-Fan-006224**
- ***Formit®-18-180-006226**
- ***Formit®-18-360-006227**
- ***Formit®-18-STD-FOG-008352**
- ***Formit®-18-90-FOG-008353**
- ***Formit®-48-Fan-008460**
- ***Formit®-29-360-101321**
- ***Formit®-36-360-009131**
- ***Formit®-48-360** with metal sleeve-**009132**
- ***Formit®-48-360** without metal sleeve-**100424**
- ***Formit®** Sample Pack (3 each of **Formit®-18-Fan**, **Formit®-18-180**, **Formit®-18-360**, **Formit®-18-STD-FOG-100107**)

Formit® NSN's: 4730-01-612-9914, 4730-01-661-8773 (**Formit®-18-Fan**)
6850-01-492-2942 (**Formit®-18-360**)
4730-01-632-0156 (**Formit®-18-STD-FOG**)

1560-01-658-8943 (**with metal sleeve**)
4730-01-659-5461 (**without metal sleeve**) (**Formit®-48-360**)
4730-01-632-0157 (**Formit®-48-Fan**)



← **D-5440NS 16 fl oz (473 mL) Aerosol**
NSN: 9150-01-545-0801

ZC-440 1 Gallon (3.8 Liter) Can →



For application questions regarding the **D-5440NS/ZC-440**, contact **Zip-Chem® Aviation Products** at (1) 408 782 2335 or zipchem@addevmaterials.com