



Liquid metal tool for removing damaged and stripped fasteners

Application notes: Each drop of EZ Grip Friction Drops™ Aircraft Grade solution has thousands of hardened alumina cubes in a non-toxic, food grade antifreeze carrying agent. Each alumina block is 4 microns in size (about the size of a dust particle). These building blocks provide a temporary bridge between the tool and stressed fastener heads for easy removal.

Applications: Stripped screws, rounded bolts/nuts, worn gripping and turning tools, extending tool life



Application Procedure:

Stripped Screws

Apply a drop to the screw head or driver head and wiggle the tool against the screw head while applying moderate pressure to allow the liquid carrier to move the blocks into a bridging position between the tool and any differential surfaces of the damage screw head. Then apply forward and slightly cocked hard pressure against the screw head and turn the screw out. **There is no need to clean EZ Grip from the tool or fastener after use as it will not cause corrosion and does not contain petroleum or silicone**

Rounded Bolts/Nuts

Apply a few drops to the inside of a box end wrench or socket and place over the bolt and wiggle the tool into place allowing the blocks to form a bridge between the wrench/socket and bolt or nut corners. Cock the wrench or socket against the bolt/screw while applying pressure and turn. **There is no need to clean EZ Grip from the tool or fastener after use as it will not cause corrosion and does not contain petroleum or silicone**

Worn gripping and turning tools:

Apply to head or jaws of driver, wrench, or pliers to increase gripping power. **There is no need to clean EZ Grip from the tool or fastener after use as it will not cause corrosion and does not contain petroleum or silicone.**

Extending tool life: Keep a residue of EZ Grip Friction Drops™ on driver head, wrench/socket shoulders and plier jaws to keep these surfaces from coming in contact with the fastener head. Let the blocks take the pressure and not the steel surface of your tool. **EZ Grip will not cause corrosion and does not contain petroleum or silicone.**



ASTM & Military Testing

[Total Immersion Corrosion per ASTM F 483](#)

[Sandwich Corrosion per ASTM F 1110](#)

[Hydrogen Embrittlement per ASTM F 519, Type 1C](#)

[ASTM F 1111-88 Corrosion of Low-Embrittling Cadmium Plate by Aircraft Maintenance Chemicals](#)

[MIL-4-81294D Paragraph 4.6.4.3.1 Notched C-Ring](#)



EZ Grip Friction Drops™ Aircraft Grade



Typical usage parameters & Physical Properties:

Description	Grey/Brown Thin Paste Odorless Non-toxic Biodegradable Non-tacky Non-corroding Non-flammable
Use Concentration	Full strength to 100.1
Operating Temperatures	Ambient
Boiling point	212 F
Specific Gravity (H2O)=1	1.64988
% Solids by weight	50
HMIS rating	0 = Minimal
Solubility in water	Appreciable

Storage:

- Shelf life exceeds 10 years
- Keep application cap closed when not in use
- Freezing point = -60 degrees F.



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