



## D-MAX PTFE

### Description

D-MAX PTFE is a concentrated dispersion of polytetrafluoroethylene (PTFE) in refined mineral oil with excellent suspension stability.

- Provides thin smooth coatings of PTFE
- Effective lubricant for all metal surfaces

### Advantages

- High solids content
- Excellent suspension properties
- Superb release properties
- Increases load carrying capacity of oils
- Reduces friction and wear
- Prevents scoring or seizure

### Applications

- Concentrate for aerosol lubricants
- Additive for industrial lubricants
- 'Pop-n-pour' automotive additives
- Automotive lubricants
- Assembly lubrication
- Cutting fluids

### Typical performance data

	PTFE 20	PTFE 30	PTFE 60
Diluents	Oil + organic solvents		
Appearance	Creamy white		
Consistency	Fluid	Fluid	Paste
Flash point, °C	>190	>190	>190
Solid content, %	20	30	60
Particle size, μ	0,4	0,4	0,4
Shelf life, months	24	24	24

### Stirring/Mixing/Dilution

D-MAX PTFE is supplied as a concentrate and may be diluted prior to use. Optimum performance is obtained using a 5% addition for most applications. D-MAX PTFE will blend with most commercially available oils or greases and is compatible with most oil additive treatments. When blending, the oil should first be pre-heated to about 50 °C. Stir D-MAX PTFE thoroughly to achieve a uniform consistency, then premix equal parts of the D-MAX PTFE and the oil before blending with the balance of the oil. Maintain continuous agitation by mechanical stirring throughout the blending operation.