



## **DYLON GRADE MW-2050** **COLLOIDAL GRAPHITE CONCENTRATE**

### **DESCRIPTION:**

**Dylon Grade MW-2050** is a micro-fine water based colloidal graphite dispersion. **Grade MW-2050** is used as an aluminum extrusion aid and a ferrous or non-ferrous forging lubricant. The high purity, micro-fine particle size provides superior release properties and unequalled surface finish. The smooth dry film that remains after drying, binds tenaciously to substrates giving long life to the coating. The concentration of the micro-fine graphite provides a high covering ratio which allows its use at dilution levels noticeably more economical than most commercially available alternatives.

### **CHARACTERISTICS:**

Lubricant:	Colloidal Graphite	Color:	Dark Grey/Black
Diluent:	Tap Water	Solids Content:	22%
Density:	9.3 lbs./gal.	Shelf Life:	1 Year (Unopened container)
Consistency:	Smooth, Thick Liquid	Viscosity:	1700 cps

### **USES:**

**Dylon Grade MW-2050** is supplied as a concentrate and is designed to be diluted with plain tap water. Because its fineness produces good suspension properties, the need to aggressively agitate is eliminated. However, the concentrate should be stirred prior to and during the slow addition of water. Once diluted, **Grade MW-2050** must be agitated to prevent settling.

When used as a steel forging lubricant, a recommended starting dilution of **Dylon Grade MW-2050** would be 1 part concentrate and 3 parts tap water. The mixture should be sprayed generously on both die surfaces to insure good coverage of all areas. If buildup occurs, increase the dilution ratio until satisfactory release continues to occur but without buildup. Final dilution ratios as high as 8 to 1 or more are common for many forgings

When **Dylon Grade MW-2050** is used as an extrusion aid, both the hot billet and dies are normally coated. A beginning dilution ratio of 1 part **Grade MW-2050** to 2 parts tap water is suggested. Final dilution ratios of 4 to 1 or more are common for many extrusions.

### **PACKAGING:**

5 Gallon (18.9 liter) Pails      55 Gallon (208 liter) Drums      Intermediate Bulk Containers (IBC)



ISO 9001:2000 CERTIFIED

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