



MAYCO BASE WLA-88

Sulfur-Free; Zinc-Free
Light-Colored Waylube Additive

Mayco Base WLA-88 is a light color, sulfur free, zinc free lubricant additive that provides the compound/blender with a cost effective approach towards the development of a premium grade lubricant for slideway applications.

Mayco Base WLA-88 delivers an excellent source of EP and AW properties, a high level of lubricity critical for proper stick-slip characteristics, and anti-oxidant for long life.

Mayco Base WLA-88 is formulated to be readily rejected by metalworking coolants for easy sump removal, as well as resist water wash-off by the spray and contact by these fluids. Complete oil/water separation is achieved in ASTM D-1401 demulsibility test, when used at 1.5% in an ISO 68 oil blend.

Mayco Base WLA-88 is recommended at a treat level of 1.5% (w/w) in a paraffinic oil blend, meeting an ISO grade required by the particular machining center. Typically, this would be an ISO 68 viscosity grade. Finally, a small additional amount of tackifier @ 0.5% is required for proper oil adhesion to the ways. This blend passes the Cincinnati Milacron stick/slip test with a value of 0.77.

Typical Properties

Property	Result
Appearance	Amber, Non-Viscous Liquid
Specific Gravity, 60/60°F (15.6°C)	0.937
Density, lb/gal	7.80
Viscosity @ 100°F, SUS (cSt)	245 (54)
Phosphorus Content, %	1.2
Neutralization Number, meqKOH/g	54
Flash Point, C.O.C., °F (°C)	>350 (176)
Color, ASTM D-1500	3.5

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (021113)

LGP-11®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, SYN-CHEK®, SYNKAD®, CHLOREZ®, CHLOROWAX 40®, CHLOROWAX 50®, DOVERNOX®, DOVERPHOS®, DOVERPHOS HIPURE®, and DOVERPHOS S-9228® are federally registered trademarks of Dover Chemical Corporation.