

Typical Properties

Appearance	Amber Nonviscous Liquid
Specific Gravity@60/60°F(15.6°C)	0.937
Density,lb/gal	7.80
Viscosity@100°F,SUS(cSt)	235 - 265 (54)
Phosphorus Content ,%wt	1.2
Neutralization Number,meqKOH/g	54
Flash Point C.O.C., °F(°C)	> 350 (> 176)
Color(ASTM D-1500)	5.0
Std Packaging (NW / GW, Kg)	208.0 / 191.0

Product Description

MAYCO BASE WLA-88 is a light color, sulfur free, zinc free way 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 a ISO grade required by the particular machining center. Typically, this would be an ISO68 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.

Applications

Waylube Oils

Suggested Treat Rates, %wt

1.5

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