

Way Lube Packages

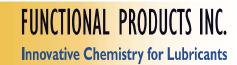
Functional Products Inc. www.functionalproducts.com



- Slide way lubricants are used to lubricate the ways of planers, grinders, horizontal boring machines, shapers, jig borers and milling machines.
- Additive packages are formulated to provide substantial reduction of friction, EP and wear protection, as well as, corrosion inhibition.







• EP additive - sulfur compounds

Lubricity - fatty acid, ester

demulsibility - non-acidic additives, propriatary additives

corrosion inhibition - various





• Cincinnati Milicron (P47, P50, P53)

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>
color	ASTM D1500	8 max

neutralization # ASTM D664 1.7 max

friction test ASTM D2877 mod. 0.08 static

0.10 kinetic

0.8 max stat/kin





Cincinnati Milicron (cont.)

Property
Test Method
Specification

thermal stability

100° C, 24 hrs neutralization #0.5 max increase
precipitate - none
condition of steel rod no deposit/discoloration
condition of copper rod ASTM D130, 2 max





General Motors LS-2

<u>Property</u>	Test Metho	<u>d</u> (ASTM) <u>Specification</u>
copper corrosion	D130	1B max
rust test	D665B	pass
water seperability	D1401	40-37-3
demulsibility	D2711	water in oil 5hrs-
		1.0% max
	em	ulsion cntrfg-
		2.0 ml max
	tota	al free water-
		60 ml min



General Motors LS-2 (cont)

<u>Property</u> <u>Test Method</u> (ASTM) <u>Specification</u>

Timken OK load D2782 ISO 32 -- 35 lbs

ISO 68 -- 35 lbs

ISO 220 -- 60 lbs

stick/slip ratio D2877-70 0.80 static/kinetic max

