

# Way Lube Packages

Functional Products Inc.  
[www.functionalproducts.com](http://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, proprietary 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.)**

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>
thermal stability	100 <sup>o</sup> 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>	<u>Test Method</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 emulsion cntrfg- 2.0 ml max total free water- 60 ml min



- **General Motors LS-2 (cont)**

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

