



DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904 Product Code: DURWAYSIDE68

DURAGARD®

DIAMOND PLATE® WAY & SLIDE LUBRICANT ISO-68

ADVANCED TECHNOLOGY, PREMIUM LUBRICANTS

DURAGARD® *Diamond Plate® Way & Slide Lubricant 68* is specially formulated with pure paraffinic base oils combined with an enhanced additive package that includes rust and oxidation inhibitors for thermal stability, anti-foam additives, as well as advanced anti-wear compounds that provide extreme pressure antiwear performance, material compatibility, and protection against scoring. It is specifically engineered to meet the stringent requirements of valuable precision industrial machine tools.

DURAGARD® *Diamond Plate® Way & Slide Lubricant 68* has an effective tacky, adhesive film strength that clings tenaciously to metal and slide material surfaces and resists being wiped away by parallel tool ways and slides used in precision machine tool systems. This superior “Stick-Slip” chatter control additive system provides additional wear protection for all metal or plastic slide way components allowing for ultra-smooth tool operation.

Customer Benefits with **DURAGARD®** DIAMOND PLATE PROTECTION®

- * **Longer equipment life** — Special additives protect metal surfaces against scuffing and wear even under severe operating conditions of low or high temperature and high load.
- * **Superior protection** — Provides superior protection of ways and slides and other parts from the corrosive effects of high basisity coolants that have a tendency to strip some lubricants away.
- * **Smoother operation** — Excellent frictional control assures quiet and efficient action of tool ways, slides, and hydraulic systems while reducing cavitation and wear. Excellent separation from water based metal working fluids helps reduce the tramp oil that can cause smoking during machining operations.
- * **Reduced downtime** — Excellent compatibility with seals, O rings, and packing materials. Helps maintain their good condition and keeps leakage at a minimum. Compatible with newer and traditional seal materials used in systems that use way lube as the hydraulic oil.
- * **Long oil life** — Excellent ability of the base stocks to withstand oxidation at various operating temperatures improving service life while providing frictional characteristics that remain stable for the life of the fluid.

Product Containers Available:

Bulk * 55 gal. * 30 gal. * 5 gal. pails * 2.5 gal/2pk

Typical Physical Specifications:

Product Code: DURWayLube68

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	30.99
Specific Gravity @60°F (15.6°C)	ASTM D4052	0.0336
Flash Point °C	ASTM D92	218
Flash Point °F	ASTM D92	424
Viscosity @ 40°C cSt	ASTM D445	66.78
Viscosity @ 100°C cSt	ASTM D445	8.85
Viscosity Index	ASTM D2270	106
Color	ASTM D1500	0.5
Sulfur, wt. %	ASTM D4951	0.095
Nitrogen, wt. %	ASTM D4629	0.0336

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

ADVANTAGE

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