

Lubricants Engineered for the Application

WearMaster® KF 310 Series

High Performance Way Lubricants

WearMaster KF 310 Lubricants are high E.P. and anti-wear sliding way lubricating oils for use in various machine tool applications. These fluids are formulated with selected oiliness, extreme pressure additives and special high molecular weight polymers to impart tackiness and adhesiveness. WearMaster 310 Lubricants are noted for their unusual ability to overcome the stick slip motion ordinarily associated with slow moving machine tool parts. They reduce machine tool carriage chatter and possess the necessary adhesive characteristics to prevent squeezing out of the lubricant. WearMaster KF 310 Lubricant meets the P47 and P50 specifications for the stick slip test of the Cincinnati Milacron Company.

WearMaster KF 310 Lubricants also meet the exacting demands in the following applications: planers, grinders, horizontal boring machines, shapers, jig borers, milling machines, and other equipment involving slow-moving, heavily-loaded parts. These fluids have excellent anti-foam, rust and oxidation protection, and extreme pressure ratings.

TYPICAL SPECIFICATIONS					
Viscosity Grade	46	68	100	150	220
Viscosity Index	102	106	99	93	100
Viscosity @ 40°C, cSt	47.1	69.9	101.4	150.8	228.9
Viscosity @ 100°C, cSt	6.9	9.2	11.4	14.4	19.9
AGMA Classification	1EP	2EP	3EP	4EP	5EP
Flash Point, °F (°C)	410 (210)	446 (230)	464 (240)	460 (238)	475 (276)
Fire Point, °F (°C)	442 (228)	468 (242)	496 (258)	579 (304)	525 (274)
Rust inhibitor	Yes	Yes	Yes	Yes	Yes
Anti-wear additive	Yes	Yes	Yes	Yes	Yes
Extreme pressure additive	Yes	Yes	Yes	Yes	Yes
Color	Amber	Amber	Amber	Amber	Amber