

Lubricants Engineered for the Application

WearMaster® KF 101-220

High Temperature, High Viscosity, Ashless, Synthetic Conveyor Lube

High Temperature, High Viscosity, Ashless, Synthetic Conveyor Lube WearMaster KF 101-220 is a unique synthetic lubricant designed to lubricate bearings, chains, slides and gears in industrial applications where air temperatures often exceed 500°F. They are ashless fluids and do not contain residue forming solids. In addition, WearMaster KF 101-220 contains a proprietary polymer viscosity enhancer to make it suitable in applications like chain on edge conveyor rider plate and wear bars where high E.P capabilities and water washout resistance are required.

Some outstanding WearMaster KF 101-220 advantages are:

1. **EXCEPTIONAL HIGH TEMPERATURE STABILITY:** KF 101-220 is made from polyol esters. This unique feature results in a reduced tendency to form carbon and varnish deposits in high temperature applications.
2. **CLEANLINESS:** KF 101-220 is a low ash lubricant. This helps eliminate the accumulation of solids that create maintenance clean-up problems and downtime. In fact, WearMaster KF 101-220 is often credited with helping to clean chains already dirtied by inferior lubricants.
3. **LOW VOLATILITY:** KF 101-220 maintains a liquid lubricating film at elevated temperatures thus providing substantially longer lubrication intervals, reduced lubricant consumption, and less smoke.
4. **ENERGY EFFICIENT:** Because KF 101-220 is a clean, fluid-film lubricant, it will frequently provide significant reductions in equipment energy consumption.
5. **BETTER PROTECTION:** KF 101-220 is formulated to provide excellent protection against wear, rust, oxidation and corrosion, thus extending equipment life and reducing maintenance costs.
6. **OPTIMUM VISCOSITY:** KF 101-220 is balanced to provide thorough penetration at lower application temperatures and optimum lubrication protection in severe applications. Its enhanced high viscosity feature enables it to perform well in chain on edge conveyor rider plates and wear bars.

TYPICAL SPECIFICATIONS	
ISO Viscosity Grade	220
Viscosity Index	102
Viscosity @ 100°C, SUS	1038
Viscosity @ 40°C, cSt	224
Viscosity @ 210°C, SUS	98.5
Viscosity @ 100°C, cSt	19.9
Flash Point, °F (°C), Min	604 (318)
Fire Point, °F (°C), Min	680 (360)
Anti-wear additive	Yes
Rust inhibitor	Yes
Color	Clear to Amber