

## Lubricants Engineered for the Application

### WearMaster® KG 452

Synthetic Open Gear Compound

WearMaster KG 452 is a new development in open gear lubricant formulated to provide the ultimate performance in severe applications. The base and fluid used are inorganic synthetics with temperature ranges to handle the toughest environments. Chlorinated solvents have been eliminated from the formula and replaced with an environmentally friendly mineral solvent.

The three primary requirements of an open gear compound are:

- 1. Water Resistance** The extreme tackiness makes WearMaster KG 452 the most water resistant open gear grease on the market.
- 2. Film Adhesion** Once attached to the gear surface, WearMaster KG 452 creates a tenacious film that can only be removed with solvents. An initial run-in should be allowed to let the WearMaster KG 452 attach itself to the gear surfaces. It will yield a thick film that will not rupture or sling.
- 3. Wear Protection** The most important requirement for open gear compounds, WearMaster KG 452 Synthetic Open Gear Compound provides wear protection far beyond conventional open gear greases. The Extreme Pressure and Anti-Wear additives employ state of the art technology. With proper application we expect an increase of 5 to 20 times lubricant life.

TYPICAL SPECIFICATIONS	
Base Soap	Aluminum Complex
Dropping Point, °F (°C)	500+ (260+)
Base Oil	Polybutene
Viscosity cst, @40°C	30,000
Viscosity cst, @100°C	650
Viscosity SUS, @100°F	140,000
Viscosity SUS @210°F	3,000
Viscosity Index	165
Pour Point, °F (°C)	+35 (+2)
Color and Texture	Blue-Extremely Tacky
4-Ball Weld, kg	500

#### WEARMASTER LUBRICANT APPLICATIONS INCLUDE:

OPEN RACE TROLLEY WHEELS • OPEN RACE GUIDE ROLLERS • SEALED TROLLEY WHEELS • CHAIN PINS • CHAIN LINKS • CHAIN ROLLERS AND BUSHINGS • RIDER PLATES AND WEAR BARS • SEALED ROLLERS AND BUSHINGS • DRIVE CHAINS • CABLE JOINTS • CASTER WHEELS • FLAT TOP AND SLAT WHEELS • RETRACTABLE DOG MECHANISMS • CARRIER KING PINS • RETRACTABLE DOG ACTUATOR LINKAGE