



TECHNICAL INFORMATION

Product Description

- Gear Oil Boundary Lubricant Additive Package
- Used in mobile and industrial equipment where extreme pressure oils are required (API GL-3 or greater)
- Low ash content less than (0.2%)
- Provides boundary lubrication reducing friction caused by asperity (metal to metal) contact
- Engineered to reduce ultrasonic noise which is directly related to component wear
- Reduces dry starts, protective film maintains lubrication at start
- Formulated to improve filtration by reducing the generation of large wear particles which clog the filtration system
- Developed to reduce fuel and electrical power consumption
- Adds many years of life to components

Applications: Gear reducers, bearing housings, posi-trac and limited slip differentials (unless friction modifier already present), cone and jaw crushers, pulverizing equipment, final drives, conveyor gear boxes, standard transmissions, drop boxes, rotary tables, tube & ball mills, chain drives, mud pumps, bull gear & pinion sets, etc. Add at 3-5% to EP Gear Oil or 50mL (1/2oz.) per liter (quart)

Typical Properties

Properties	Method	Results
Appearance		Clear, Light, Amber Liquid
Color	ASTM D1500	1.5
Viscosity @ 40°C	ASTM D445	70 cSt
Viscosity @ 100°C	ASTM D445	10 cSt
Viscosity Index	ASTM D2270	129
Density @ 20°C	ASTM D941	0.96 g/mL
Pour Point	ASTM D97	-35°C
Flash Point (COC)	ASTM D92	176°C
Fire Point (COC)	ASTM D92	196°C
Acid Number	ASTM D664	1.5
Zinc and Lead Content		None
Solid particles, PTFE, graphite, MoS2 content		None
Copper Corrosion	ASTM D130	1a
Rust Prevention	ASTM D665	Pass
- GearMaxx - 5% GearMaxx in ISO 220 Gear Oil		Pass
Foaming Tendency	ASTM D892	None
5% GearMaxx in ISO 220 Gear Oil		None