



MM-2054 Synthetic EAL Gear Fluid

MM-2054 is a readily biodegradable gear lubricant manufactured for use in environmentally sensitive applications where environmentally acceptable lubricants are required such as the marine industry.

MM-2054 will protect gears from rust and corrosion while providing outstanding EP protection and water separability. It also offers excellent demulsibility (water separation) as well as deposit and water-washout resistance to protect components. MM-2054 is compatible with mineral, PAO, Synthetic Ester, Vegetable Ester based fluids and glycols. For any compatibility questions please contact your sales representative.

Applications: Environmentally sensitive applications such as gear drives and thrusters in a marine environment.

ATTRIBUTES

- Readily biodegradable
- Excellent wear protection
- Oxidatively stable to reduce carbon buildup
- Resistant against rust, corrosion and other deposits
- Non-toxic/non-hazardous
- High film strength and sheer stability
- Excellent demulsibility

TYPICAL LUBRICANT PROPERTIES

MM-2054 Grades	Test Method	100	150	220	320
Viscosity cSt @ 40°C	ASTM D7042	101	145	220	335
Viscosity cSt @ 100°C	ASTM D7042	16.9	22.0	30.8	43.4
Viscosity Index	ASTM D2270	183	179	183	187
Flash Point °F (°C)	ASTM D92	575 (301)	576 (302)	580 (304)	600 (315)
Copper Corrosion, 24 Hr	ASTM D130	1a	1a	1a	1a
Demulsibility, 54.4°C, 30 Min	ASTM D1401	40/40/0	40/40/0	40/40/0	40/40/0
FZG	ASTM D5182	12+	12+	12+	12+