



Product Bulletin

GULF INDUSTRIAL EP GEAR OILS EXTRA HEAVY

Gulf Industrial EP Gear Oils are premium quality, high viscosity industrial gear lubricants designed for heavily loaded, low speed gear applications. They are stable at elevated temperatures, have high load carrying capacity and separate from water.

APPLICATIONS:

Gulf Industrial EP Gear Oils are recommended for the lubrication of spur, helical, bevel and worm gear configurations subject to heavy loading or shock loading. They meet the performance requirements of:

- US Steel 224, AGMA 250.04, DIN 51517, Part 3
- David Brown DB S1.53.101
- Cincinnati Milacron

Typical Properties

ISO Viscosity Grade	Test Method	680	1000	1500
Product Code		343838	343840	343842
AGMA Number		8EP	8AEP	9EP
Viscosity, cSt @40°C	ASTM D-2161	625	980	1400
Viscosity, cSt @100°C	ASTM D-2161	39	45	55
Viscosity Index	ASTM D-2270	100	85	85
Gravity, °API	ASTM D-287	26.7	24.5	25.5
Flash Point, (COC) °F	ASTM D-92	495	495	495
Pour Point, °F	ASTM D-97	15	15	25
Load Carrying Properties: Timken OK Load, lb.	ASTM D-2782	60	60	60
4-Ball EP Test Load-wear Index, kg Weld Point, kg	ASTM D-2783	47 200	50 200	50 200
4-Ball Wear Test, 20kg, 1 hr, 1800 rpm, 54°C (130°F), mm Wear scar diameter	ASTM D-2266	0.3	0.3	0.3
FZG Gear Test, Stages		12	12	12
Demulsibility Total Free Water, ml Emulsion, ml	ASTM D-2711	85 nil	nil	Nil
Rust Test	ASTM D-665A	PASS	PASS	PASS
Copper Strip Corrosion	ASTM D-130	1	1	1
Foam Test Foam Volume, ml Sequences 1-3	ASTM D-892	Tr/0	Tr/0	Tr/0