

SUPER GEAR EP

68 / 100 / 150 / 220 / 320 / 460 / 680

Industrial Gear Oil - Outstanding EP performance for Wear Protection

INDUSTRIAL OIL

GENERAL CHARACTERISTICS __

- Outstanding extreme pressure performance to prevent wear and metal stress that occur with increasing loads
- Exceptional thermal and oxidation stability to minimize sludge and deposit formation to ensure service life
- Superior rust and corrosion protection film formed on metal surface extending gear component lifespan

DESCRIPTION __

SK SUPER GEAR EP is a high performance industrial gear oil of extreme pressure (EP) performance developed for heavy load carrying gears working under severe operation condition. It significantly reduces friction and prevents wear and scuffing, extending gear component lifespan and reduce maintenance cost. It exceeds the requirements of major industrial standards; DIN, US Steel, Cincinatti and David Brown.

SPECIFICATION __

GEAR EP 68 / GEAR EP 100 / GEAR EP 150 / GEAR EP 220 / GEAR EP 320 / GEAR EP 460 / GEAR EP 680

- Exceeds the requirements of US steel 222, 224; AGMA 250.04; DIN 51517 Part-3; David Brown 53.101; Cincinatti Machine P-59

RECOMMENDATIONS __

- Recommended for high-temperature, high-load gears in steel production; industrial gears and rolling gears under high temperature and heavy loads; pulp and paper machine gears requiring demulsification at high temperature

TYPICAL PROPERTIES __

ISO VG	68	100	150	220	320	460	680
ASTM Color	L1.0	L1.0	L1.5	L2.0	L2.0	L2.5	L2.5
Density, g/cm ³	0.873	0.888	0.886	0.891	0.895	0.903	0.903
Kinematic, Viscosity at 40°C, cSt	65.28	96.13	147.8	214.9	312.4	455.1	636.5
Kinematic, Viscosity at 100°C, cSt	8.982	11.04	15.07	19.38	24.85	31.65	39.57
Viscosity Index	112	100	102	102	102	100	100
Flash Point, °C	230	230	240	250	250	250	280
Pour Point, °C	-30	-27	-30	-24	-15	-12	-12
Demulsion Time, min	10	10	10	12	12	18	22
Copper Corrosion, 100°C/3hr	1-a	1-a	1-a	1-a	1-a	1-a	1-a
Rust Prevention, sea water	Pass	Pass	Pass	Pass	Pass	Pass	Pass

