

INDUSTRIAL GEAR OIL EP

68, 100, 150, 220, 320, 460, 680

DESCRIPTION

INDUSTRIAL GEAR OIL EP is lead-free premium quality, heavy duty industrial gear lubricant formulated for enclosed gear sets operating under severe conditions.

INDUSTRIAL GEAR OIL EP is formulated from high quality, high VI base oils selected for its oxidation stability and water separating characteristics. Additives are incorporated which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foam and excellent high load performance characteristics.

APPLICATIONS

INDUSTRIAL GEAR OIL EP is recommended for industrial enclosed gear drives representing load and speed conditions of extreme severity and also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

BENEFITS

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability.
- Rust and corrosion protection.
- Excellent lubricity and good anti-foam properties.
- Minimize friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

PERFORMANCE LEVEL

DIN 51517 PART3
AGMA 9005-D94
US Steel 224
David Brown S1.53 101

PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE							TEST METHOD
Grade		-	68	100	150	220	320	460	680	-
Specific Gravity	@ 15°C	-	0.8860	0.8940	0.8960	0.8990	0.9025	0.9030	0.9245	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	68.00	100.0	150.0	220.0	320.0	460.0	680.0	ASTM D-445
	@ 100°C	mm ² /s	8.655	11.25	14.80	18.75	23.90	30.35	35.85	ASTM D-445
Viscosity Index		-	98	98	98	95	95	95	85	ASTM D-2270
Flash Point	COC	°C	234	240	240	238	238	238	240	ASTM D-92
Pour Point		°C	-24	-24	-21	-18	-15	-12	-9	ASTM D-97
Color		-	1.0	L2.5	L2.5	2.5	3.0	3.0	6.5	ASTM D-1500