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technical data sheet

Industrial Gear EP Oils

Product Application:

Industrial Gear EP Oils are a premium, extreme pressure fortified, heavy duty, high load, friction modified industrial gear lubricants developed for use in all types of enclosed gear sets with either circulatory or splash type lubricants systems.

Industrial Gear EP Oils are formulated with high VI full bodied hydro treated base stocks then blended with the latest cutting edge extreme pressure additives to provide for a superior quality industrial gear lubricant.

Industrial Gear EP Oils are engineered to excel in the lubrication of helical, worm, industrial spur and bevel enclosed gear sets in ambient temperatures ranging from 0°C-120°C. They provide for outstanding lubrication in highly loaded gear-sets subjected to sustain or highly shock loaded applications.

Package Size:

Bulk, Drums, Pails

Meets or Exceeds the following Specifications

SEB: 18226
U.S. Steel 224
AGMA 9005 – EO2
DIN 51517-3: 2009-06
ISO 12925-1 Typ
David Brown S1.53.10 Type E
API GL-1, GL-4

Typical Characteristics:

	32	68	100	150	220	320	460	680
ISO Grade								
AGMA#	1EP	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Density	0.87	0.875	0.88	0.89	0.89	0.90	0.90	0.91
Viscosity Index (Min.)	102	101	100	100	99	98	95	90
Viscosity								
cSt @ 40 °C	32	68	100	150	220	320	460	680
cSt @ 100 °C	5.3	8.8	11.2	14.5	18.8	24.1	30.2	34.2
Flash point, COC, °C	200	230	230	240	240	240	250	285
Pour point, °C	-28	-27	-24	-24	-24	-24	-15	-10
Timken OK Load, 1b	65	65	65	65	65	65	65	65
Mueller Weingarten			100	150	220	320	460	
Seimens AG Flender			A17	A16	A15	A14	A13	A12
4-Ball EP test, ASTM D2783								
Weld Load, kg	200	200	200	250	250	250	250	250

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