

**UNIXX INDUSTRIAL GEAR OIL EP 320**

August 29 2017

Product Description

Unixx Industrial Gear Oil EP 320 Heavy Duty industrial gear lubricant is designed for enclosed gear boxes operating under normal or severe service environment. Formulated with sulfur-phosphorous extreme pressure additives to provide anti wear and friction reducing performance characteristic to help minimize temperature rise in heavily loaded gear boxes.

Features and Benefits:

Unixx Industrial Gear Oil EP 320 is designed for many types of industrial gears where loads and shock loadings are high.

- High thermal stability EP system helps maintain clean gear and bearing surfaces, thereby minimizing deposits which interfere with effective lubrication
- High oxidation stability limits viscosity increases in during service
- Effective EP system forms a protective film in areas of metal-to-metal contact, minimizing wear rates and maintaining efficient transfer of power.
- Good water separation and effective rust and corrosion inhibitors protect surface from rust and corrosion
- Excellent oxidation inhibitors and copper passivator will minimize oil oxidation, limits viscosity increase and extends drain intervals.

Applications

- Spur, bevel, helical, worm and industrial hypoid gear cases
- Reduction gearboxes
- Plain and rolling element bearings
- Enclosed industrial gear drives where an AGMA extreme pressure lubricant is specified
- General industrial plant lubrication where the performance properties of an AGMA extreme pressure lubricant is required

Performance Standards

Unixx Industrial Gear Oil Series meets current AGMA and DIN specifications and performance requirements.

- USS 224, David Brown S1.53.101 (E)
- AGMA 9005-D94
- DIN 51517 Part 3

Typical Properties

Properties	Test Method	Typical Values
Appearance	Visual	Bright & Clear
Density @15C	ASTM D4052	0.9025
Density @30C	ASTM D4052	0.8931
Kinematic Viscosity @40C	ASTM D445	330.8
Kinematic Viscosity @100C	ASTM D445	24.6
Viscosity Index	ASTM D2270	96
ASTM Color	ASTM D1500/D6045	L2
Flash Point by COC, C	ASTM D92	247
P Content	ASTM D6481/D4951	0.017
Foaming : Seq.I @24C, Tendency/ Stability	ASTM D892	0/0
Foaming : Seq.II @93.5C, Tendency/ Stability	ASTM D892	0/0
Foaming : Seq.III @24 after 93.5C, Tendency /Stability	ASTM D892	0/0
Pour Point	ASTM D97	-3
Four Ball Weld Point	ASTM D2783	250
FZG 4 Square Gear Test, Load Stage	DIN 51354	12 Pass

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