



Power of Experience

PRODUCT DATA SHEET

ARGEAR ISO VG 220

DESCRIPTION:

ARIOIL GEAR EP SERIES Premium-grade industrial gear oils are perfect for lubricating enclosed gears under both normal and severe operating conditions. Made with the highest quality paraffinic base oil and advanced sulfur-phosphorus chemical technology. Ensures optimal performance and protection of machinery over extended periods of time.

PLACE OF USE:

- Enclosed industrial spur, helical, bevel, and worm gear units operating under high loads and or severe shock loading conditions.
- Heavily loaded plain or anti-friction bearings operating under shock loading conditions.
- Splash, circulation, or spray lubrication oil bath.

BENEFITS:

- Oxidation resistance and excellent anti-wear protection help control oil breakdown over time, reducing maintenance time and cost.
- Doesn't harm yellow metals in gearboxes
- Superior compatibility with seals and other components, resulting in minimal leakage even under extreme conditions.
- Resists foaming and helps keep gears clean for superior performance and longer drain intervals.

SPECIFICATIONS:

ARIOIL GEAR EP SERIES meets the requirements of:

US 224

AGMA 9005-E02

David Brown S1.53.101(E)

DIN 51517 Part 3

properties	Unit	Test Method	Values
Density@15°C	g/ml	ASTM D 4052	0.895
Kin. viscosity@40°C	mm /s 2	ASTM D 445	220.0
Kin. viscosity@100°C	mm /s	ASTM D 445	18.80
viscosity Index		ASTM D 2270	95
flash point(COC)	°C	ASTM D 92	245
Pour point	°C	ASTM D 97	Max. -6
Foam Test, Seq. I (Ten/Stab)	ml/ml	ASTM D 892	Max. 20/0
Foam Test, Seq. II (Ten/Stab)			Max. 50/0
Foam Test, Seq. III (Ten/Stab)			Max. 20/0
Water Separability@82°C	mins.	ASTM D 1401	Max. 30
Copper corrosion, 3hrs@100°C	-	ASTM D 130	Max. 1b
Steel Corrosion	-	ASTM D 665A	Pass

- These characteristics are typical of current production. While future production will conform to ARIOIL specifications, these characteristics may vary.
- For further guidance on product health and safety, refer to the appropriate ARIOIL Product Safety Data Sheet.
- Dispose of the used oil at an authorized collection point. Do not discharge into drains, soil, or water.



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