

CEPSA AEROGear 320

Description



A very high quality, extreme pressure lubricant oil, with sulphur-phosphorus additives, which has been developed for all types of industrial steel gearing in sealed gearboxes.

Applications

- Especially recommended for all types of industrial steel gearing in sealed gearboxes, operating under severe service conditions and subject to high shock loads, or large constant or intermittent forces, including those that operate at very high loads and speeds.
- Its excellent extreme pressure properties make it essential for certain, heavily loaded reducers at low speeds, where there is a risk of "MICROPITTING".

Performance

- Excellent lubricant properties. Reduces the coefficient of friction under thin film lubrication conditions. Excellent demulsification properties.
- Excellent thermal and oxidation stability. Prevents sludge formation at high temperatures.
- High anti-corrosive and anti-rust powers in the presence of moisture.
- High resistance to foam formation.
- Good separation in the presence of water.
- Facilitates controlled running and prevents pitting of gear teeth.
- Limits friction losses, smooth, uniform and silent gear operation.
- Increases gearing useful life by reducing the presence of oxidised compounds, wear particles and deposits in general.
- Notably increases oil change periods due to its excellent oxidation stability and easy water separation.

Specifications

• DIN 51517 Parte 3 (CLP)	• ISO 12925-1 Type CKC / CKD	• MÜLLER WEINGARTEN
• AGMA 9005-E-02 (EP)	• DAVID BROWN 51.53.101 Type E	• CINCINNATI MACHINE P-74
• U.S.STEEL 224	• SEB 181.226	• FLENDER AG Rev. 13

Typical Characteristics

CHARACTERISTICS	ASTM STANDARD	CEPSA AEROGear
ISO grade	(ISO-3448)	320
Density at 15 °C, g/cc	D-4052	0,904
Flash point, COC, °C, min.	D-92	>220
Pour point, °C, max.	D-5950	-15
Viscosity at 40 °C, cSt	D-445	313
Viscosity index	D-2270	96
Demulsibility 82°C to 3 ml, minutes	D-1401	<30
Foam Tendency, Seq. I, ml/ml	D-892	10/0
FZG A/8.3/90, passes stage	DIN 51354-2	>12
FZG Micropitting Test, passes stage	FVA 54	>10
Timken OK Load, min., lb	D-2782	80
4-Ball EP Test:		
Weld Load, min., kg	D-2783	250
AGMA Classification N°		6EP

Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.