

Q8 Gade SF 460

Fully synthetic industrial PAG-based gear oil meeting Siemens Flender

Description

Q8 Gade SF 460 is a fully synthetic industrial polyalkylene glycol (PAG) based gear oil recognized by Siemens Flender. This superior oil reaches the highest level of gearbox protection and consists of a perfect balance of anti-wear and extreme pressure additives. Q8 Gade SF 460 has exceptional friction characteristics, extended oil drainage intervals and excellent low temperature properties.

Applications

Q8 Gade SF 460 is used in heavily loaded industrial gearboxes operating in rough conditions such as paper and steel mills, cement and mining, plastic extrusion and injection, aerators and agitators. It is also applied in planetary, helical and worm gearboxes.

Benefits

- Extensive oil drain interval for a longer lubricant lifetime
- Outstanding thermal endurance
- Outstandingly resistant to oil deterioration
- Enhanced efficiency of operations, equipment and machines
- Extreme friction diminution
- Extremely appropriate for use in a wide range of temperatures
- Lower downtime and an improved maintenance efficiency
- Exceptional performance against wear
- Highest level of protection (load stage 10) at 60°C and 90°C

Specifications & Approvals

ANSI/AGMA	9005-E02	ISO	12925-1 CKE
DIN	51517-3 CLP-PG	Siemens Flender	T7300 A-b & B-b (rev.13)

Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	
Density, 15 °C	D 4052	g/ml	
Kinematic Viscosity, 40 °C	D 445	mm ² /s	
Kinematic Viscosity, 100 °C	D 445	mm ² /s	
Viscosity Index	D 2270	-	
Pour Point	D 97	°C	
Flash Point, COC	D 92	°C	>=220
FZG Test, A/8.3/90	DIN 51354	load stage	>14
FZG Grey Staining Test, 60 °C	FVA 54-7	load stage	10
FZG Grey Staining Test, 90 °C	FVA 54-7	load stage	10

The figures above are not a specification. They are typical figures obtained within production tolerances.

Remarks

When used in high temperatures, the usage of fluoro-silicone or vinyl methyl polysiloxane is recommended.