

## Q8 Gade SFX 460

Fully synthetic industrial PAG-based gear oil meeting Siemens Flender

### Description

Q8 Gade SFX 460 is a fully synthetic industrial 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 SFX 460 has exceptional friction characteristics, extended oil drainage intervals and excellent low temperature properties.

### Applications

Q8 Gade SFX 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
- Improved operating, equipment and machine efficiency
- Minimizes downtime which leads to a higher maintenance efficiency
- Outstanding thermal endurance
- Extremely resistant to ageing
- Extremely appropriate for use in a wide range of temperatures
- Superior friction reduction
- Superior protection against wear
- Highest level of protection (load stage 10) at 60°C and 90°C

### Specifications & Approvals

<b>DIN</b>	51517-3 CLP-PG	<b>ISO</b>	12925-1 CKE
<b>ISO</b>	12925-1 CKC-CKD	<b>Siemens Flender</b>	

### Properties

	Method	Unit	Typical
ISO Viscosity Grade	-	-	460
Density, 15 °C	D 4052	g/ml	1.067
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	460
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	82
Viscosity Index	D 2270	-	261
Pour Point	D 97	°C	-36
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 of vinyl methyl polysiloxane is recommended.