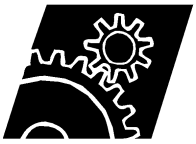
CARTER XEP



Lubrication

High performance lubricant for enclosed gears.

APPLICATIONS

Heavily loaded gears in casing

- **CARTER XEP** is a new generation of high-performance lubricant for heavily loaded reducers. The severest technical specifications were taken into account during the development of this product especially regarding micropitting protection and anticorrosion properties. The specific CARTER XEP additivation reduces considerably the wears of gears and mechanisms.

SPECIFICATIONS

International specifications

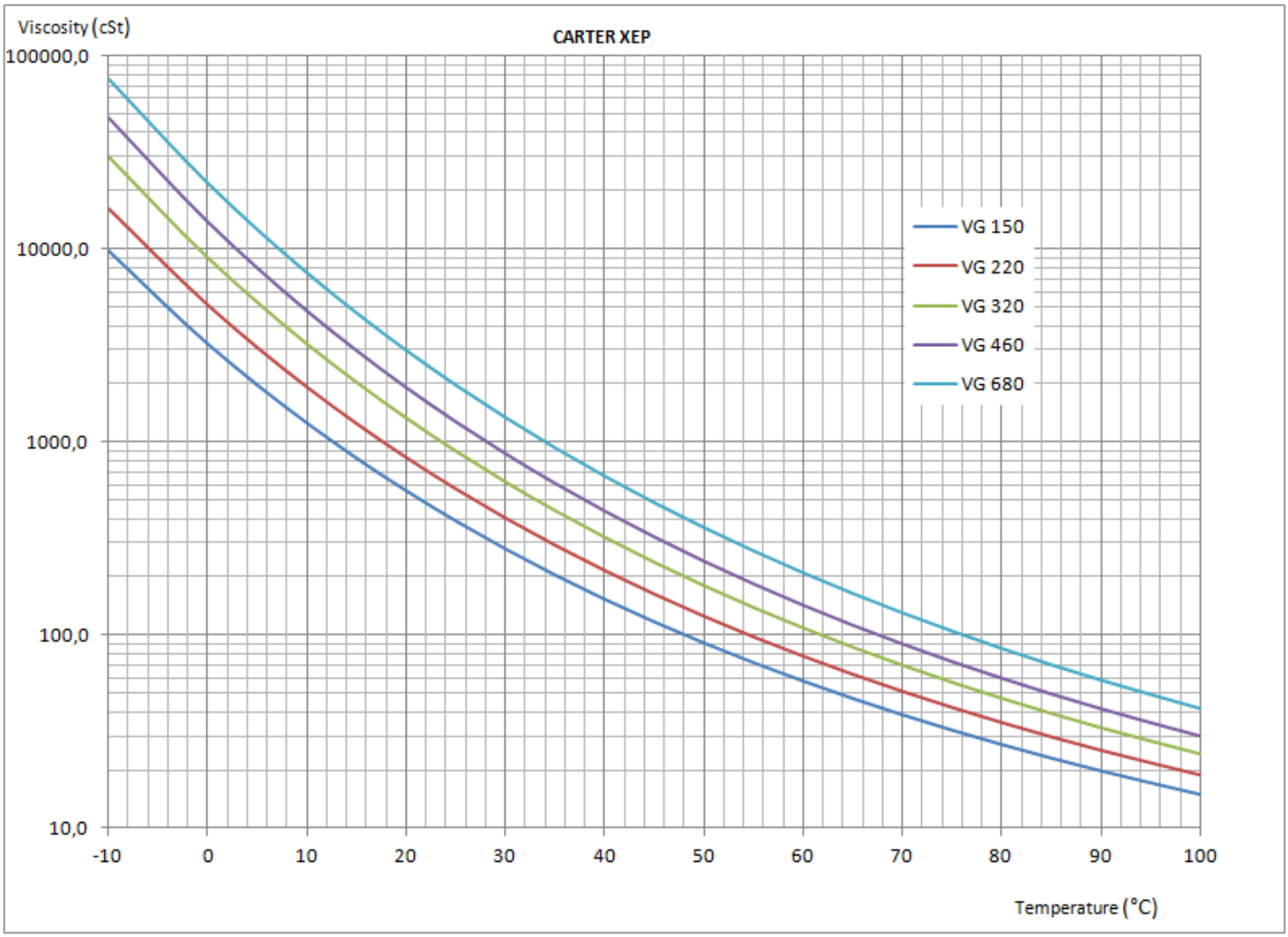
- DIN 51517 Part 3 ⇒ CLP group
- ISO 12925 CKD category
- US STEEL 224
- FLENDER

ADVANTAGES

- Excellent extreme-pressure performances, remarkable protection of heavily loaded toothing against micropitting.
- Excellent anti-corrosion properties protecting gears in critical environments (sea water or acidic water contamination).
- Very good thermal stability ensuring a longer service life than conventional lubricants.
- Strengthened foaming protection. Good demulsification behaviour.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER XEP				
			150	**220**	**320**	**460**	**680**
Viscosity at 40°C	ISO 3104	mm²/s	150	220	320	460	680
Viscosity at 100°C	ISO 3104	mm²/s	14.7	19	24.3	30.9	42.4
Viscosity index	ISO 2909	-	97	97	97	97	104
Density at 15°C	ISO 3675	kg/m^3	893	898	903	910	923
V.O. flash point	ISO 2592	°C	244	244	244	244	238
Pour point	ISO 3016	°C	-18	- 18	- 15	- 12	- 15
FAG Fe8, wear	DIN 51819-3	mg	-	<2	<2	<2	<2
FZG (A/16.6/90)	DIN 51354-2		-	>12	>12	>12	>14
FZG Micropitting	FVA 54 (I-IV)	Load/GFT	-	>10 /High	>10 /High	>10 /High	>10 /High
Foaming Seq I	ISO 6614	ml/ml	0/0	0/0	0/0	0/0	0/0
4 Ball EP weld load	ASTM D 2783	kg	-	315			
4 Ball wear scar	ASTM D4712	mm	-	0.34			
Copper corrosion	ISO 2160		1b	1b	1b	1b	1b
Steel corrosion (See water)	ISO 7120		Pass	Pass	Pass	Pass	Pass

Above characteristics are mean values given as an information.



25 mm²/s (cSt) CARTER XEP viscosity is obtained at which temperature :				
VG 150	VG 220	VG 320	VG 460	VG 680
82 °C	**90 °C**	**101 °C**	**104 °C**	**117 °C**