

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
- SIEMENS - FLENDER - GEAR UNIT

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	mm ² /s	150	220	320	460	680
Viscosity at 100 °C	ISO 3104	mm ² /s	15.5	21.4	28.3	37.2	48.8
Viscosity index	ISO 2909		106	116	119	123	124
Temperature at 25 mm ² /s		°C	85	95	104	114	122
Temperature at 2000 mm ² /s		°C	4	8	22	18	32
Temperature at 5000 mm ² /s		°C	- 6	- 2	3	7	11
Density at 15 °C	ISO 3675	kg/m ³	872	875	877	878	881
Pour point	ISO 3016	°C	-27	- 27	- 27	- 24	- 21
Open cup flash point	ISO 2592	°C	244	230	222	214	216
Color index	ISO 2049		L1.0	L1.0	L1.0	L1.0	L1.0
FZG A/8, 3/90 - A/16.6/90	DIN ISO14635-1	Load stage	> 12	> 12	> 12	> 12	> 12
FZG - Micropitting	FVA 54 (I-IV)	Stage/GFT	> 10 +	> 10 +	> 10 +	> 10 +	> 10 +

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS
INDUSTRIE**

08-01-2019 (supersedes 21-02-2017)

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