

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.

SPECIFICATIONS

International specifications

- DIN 51517 Part 3 ⇒ CLP group
- ISO 12925 CKD category
- AGMA 9005 - D94
- US STEEL 224
- DAVID BROWN

OEM's specifications

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	14,6	18,8	24	30,4	35,8
Viscosity index	ISO 2909	-	96	95	95	95	85
Density at 15°C	ISO 3675	kg/m ³	889	893	898	904	920
V.O. flash point	ISO 2592	°C	>230	>230	>230	>230	>230
Pour point	ISO 3016	°C	-27	-24	-18	-12	-9
FAG Fe8, wear	DIN 51819-3	mg	< 10	< 10	< 10	< 10	< 10
FZG A/8.3/90	DIN 51 354/2	Stage	>13	> 13	> 13	> 13	> 13
FZG Micropitting	FVA 54	Failure stage		>10	>10	>10	>10
Seq 3 foaming	ISO 6614	/GFT		/High	/High	/High	/High
		ml/ml	0/0	0/0	0/0	0/0	0/0

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
05-03-2012 (supersedes 12-09-2007)
CARTER XEP
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.