

# CARTER XEP



*Lubrication*



High performance lubricants for enclosed gears.

## APPLICATIONS

### Heavily loaded gears in casting

**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

## 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		
			220	320	460
Density @ 15°C	ASTM D4052	kg/m <sup>3</sup>	894	899	900
Viscosity @ 40°C	ISO 3104	mm <sup>2</sup> /s	220	320	460
Viscosity @ 100°C	ISO 3104	mm <sup>2</sup> /s	18	24	32
Viscosity Index	ISO 2909		>95	>95	>95
Pour Point	ASTM D92	°C	-27	-27	-24
Flash Point (Open Cup)	ISO 2592	°C	234	234	244
FZG A/8, 3/90 - A/16.6/90	DIN ISO14635-1	Load Stage	> 12	> 12	> 12
FZG - Micropitting	FVA 54 (I-IV)	Stage GFT	> 10+	> 10+	> 10+

Above characteristics are mean values given as an information.

TOTAL OIL ASIA-PACIFIC PTE LTD  
03 - 2021  
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 regulation in use in the E.C. can be obtained from your local commercial adviser or downloaded from [www.sdstotalsms.total.com](http://www.sdstotalsms.total.com)