

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
- FLENDER

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
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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.