

# CARTER EP 1500-2200 & 3000



Lubrication

Viscous semi-synthetic oils for enclosed gears.

## APPLICATIONS

### Enclosed gears

- The viscous **CARTER EP** oils have been specially designed for lubricating enclosed gears operating under severe conditions:
  - Heavy loads
  - Slow to very slow moving parts
  - Shocks
- High temperatures.

## SPECIFICATIONS

### International specifications

- DIN 51517 Part 3, group CLP
- AGMA 9005 - D94 EP

### Manufacturers

- ISO 12925-1 CKC

## ADVANTAGES

- Excellent extreme pressure and anti-wear properties.
- Good seals compatibility.
- Good anti-corrosion properties.
- Good thermal stability.

## HANDLING OPERATIONS - HEALTH - SAFETY

- **CAUTION:** not compatible with oils based on polyglycols.

| TYPICAL CHARACTERISTICS | METHODS      | UNITS              | CARTER EP |        |        |
|-------------------------|--------------|--------------------|-----------|--------|--------|
|                         |              |                    | 1500      | 2200   | 3000   |
| Density at 15 °C        | ISO 3675     | kg/m <sup>3</sup>  | 0,9453    | 0,9423 | 0,9398 |
| Viscosity at 40 °C      | ISO 3104     | mm <sup>2</sup> /s | 1456,0    | 2130,4 | 3160,6 |
| Viscosity at 100 °C     | ISO 3104     | mm <sup>2</sup> /s | 53,8      | 76,2   | 106,3  |
| Viscosity index         | ISO 2909     | -                  | 78        | 91     | 99     |
| Pour point              | ISO 3016     | °C                 | - 9       | 6      | 6      |
| Open cup flash point    | ISO 2592     | °C                 | 256       | 262    | 254    |
| FZG A/8,3/90            | DIN 51 354/2 | Fail stage         | > 13      | > 13   | > 13   |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

03-05-2004 (supersedes 11-06-2001)

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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](http://www.quick-fds.com).

