

# Carter

## Mineral oil for enclosed gear drives

### APPLICATIONS

Light to heavy duty gearboxes.

Carter is a standard mineral gear oil meeting ISO and DIN requirements.

Not compatible with PAG based lubricants.

### ADVANTAGES

Good extreme-pressure and anti-wear properties.

Good resistance to oil oxidation and degradation.

Good seal compatibility.

Good protection against rust and corrosion of copper alloys.

Good resistance to foaming and emulsion formation.

### SPECIFICATIONS

- DIN 51517 Part 3 - CLP
- ISO 12925-1 category CKD/CKD

### TYPICAL CHARACTERISTICS

| Properties           | Units              | Standards   | Carter  |         |         |         |         |         |         |         |
|----------------------|--------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                      |                    |             | 68      | 100     | 150     | 220     | 320     | 460     | 680     | 1000    |
| Density at 15 °C     | kg/m <sup>3</sup>  | ISO 3675    | 875     | 886     | 891     | 895     | 897     | 898     | 898     | 907     |
| Viscosity at 40°C    | mm <sup>2</sup> /s | ISO 3104    | 68      | 100     | 150     | 220     | 320     | 460     | 680     | 1000    |
| Viscosity index      | -                  | ISO 2909    | 102     | 98      | 97      | 97      | 95      | 95      | 102     | 103     |
| Open cup Flash Point | °C                 | ISO 2592    | >230    | >230    | >230    | >230    | >230    | >230    | >230    | >230    |
| Pour point           | °C                 | ISO 3016    | -27     | -27     | -24     | -21     | -18     | -18     | -18     | -9      |
| FZG A/8.3/90         | Fail stage         | DIN 51354/2 | 12 pass | 12 pass | 12 pass | 12 pass | 12 pass | 12 pass | 12 pass | 12 pass |

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 advisor or downloaded at [ms-sds.totalenergies.com](https://ms-sds.totalenergies.com)