

CARTER SY



Lubrication



Synthetic oil (polyglycol) for enclosed gears.

APPLICATIONS

Enclosed gears

- Lubrication of worm and gears operating under the most severe conditions (high loads, shocks, extreme temperatures and corrosive atmospheres).

SPECIFICATIONS

International specifications

- DIN 51517 Part 3 ⇒ group CLP
- NF-ISO 6743-6 category CKS/CKT

Manufacturers

- DAVID BROWN
- CMD

ADVANTAGES

- Very high viscosity index: mechanical shear stable.
- Low coefficient of friction: greater protection for non-ferrous parts, such as the bronze ring gear in worm gears systems, offering an energy saving of between 5 and 10% compared with a mineral oil.
- Excellent thermal stability: extended oil lifetime.
- Excellent extreme pressure and anti-wear properties.
- Very good static and dynamic anti-corrosion properties (additives in vapour phase).

HANDLING OPERATIONS - HEALTH - SAFETY

- Oils based on POLYGLYCOLS, such as **CARTER SY**, are incompatible with most mineral and synthetic oils (PAO). Similarly, check compatibility with system components (seals and paint).

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER SY		
			220	320	460
Density at 15 °C	ISO 3675	kg/m ³	1004	1003	1002.5
Viscosity at 40 °C	ISO 3104	mm ² /s	220	320	460
Viscosity at 100 °C	ISO 3104	mm ² /s	34	50	71
Viscosity index	ISO 2909		202	220	234
Open cup flash point	ISO 2592	°C	> 220	> 220	> 220
Pour point	ISO 3016	°C	- 30	- 33	- 27

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

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CARTER SY
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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.

