CARTER SY

Lubrication

Synthetic lubricant for enclosed gears (polyglycol).

APPLICATIONS

Enclosed gears

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

SPECIFICATIONS

International specifications

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

Manufacturers

- DAVID BROWN, CMD

ADVANTAGES

- Very high and shear stable viscosity index.
- 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.
- Very good foaming behaviour.
- Excellent extreme pressure and anti-wear properties.
- Very high level corrosion protection (tested with sea and acidic water).

HANDLING OPERATIONS - HEALTH - SAFETY

- POLYGLYCOL (or PAG) based lubricants, such as **CARTER SY**, are incompatible with most mineral and synthetic oils (PAO).
- Compatibility with the gearboxes components (seals, paints ….) must be checked.
- For Health and safety issues, please consult our MSDS.

CARACTERISTIQUES	METHODS	UNITS	CARTER SY				
			150	**220**	**320**	**460**	**680**
Density at 15°C	ISO 3675	kg/m^3	1004	1004	1003	1003	1002
Viscosity at 40°C	ISO 3104	mm²/s	150	220	320	460	640
Viscosity at100°C	ISO 3104	mm²/s	23	34	50	71	95
Viscosity index	ISO 2909	-	185	202	220	230	240
Flash point (open cup)	ISO 2592	°C	230	230	230	230	230
Pour Point	ISO 3016	°C	-33	- 30	- 30	- 27	- 27

Above characteristics are typical values given as an information.

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.