

CARTER VP/CS



Lubrication



High performance mineral oil for enclosed gears.

APPLICATIONS

Heavy duty enclosed gears

- **TOTAL CARTER VP/CS** has been developed for enclosed industrial gears operating under very severe loads, in humid, hot or cold atmospheres:
 - level and spur gears,
 - worm bearings gear,for the papermaking, sugar, cementmaking and steel industries.

SPECIFICATIONS

International specifications

- DIN 51517 Part 3 ⇒ group CLP
- NF-ISO 6743-6 category CKD
- AGMA 9005 – D94
- CINCINNATI MILACRON
- US STEEL 224
- DAVID BROWN
- FLENDER (micropitting)
- HANSEN TRANSMISSIONS

Manufacturers

ADVANTAGES

- Excellent extreme pressure performance: protects teeth against micropitting and high loads even in the presence of water.
- Excellent anti-corrosion properties, also protecting non-submerged parts of the reduction drive both statically and dynamically (vapour phase additives).
- Very good temperature stability: lifetime of the oil increased by at least 2x.
- Inert to seals and metals containing copper.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER VP/CS			
			220	320	460	680
Density at 15 °C	ISO 3675	kg/m ³	900	904	906	904
Viscosity at 40 °C	ISO 3104	mm ² /s	220	320	460	680
Viscosity at 100 °C	ISO 3104	mm ² /s	19	23	30	39
Viscosity index	ISO 2909	-	95	95	95	95
Open cup flash point	ISO 2592	°C	228	232	226	228
Pour point	ISO 3016	°C	- 21	- 18	- 12	- 9
FZG Micropitting	FVA54/IIV	-	10	10	10	10
FZG	DIN 51 354/2	-	> 13	> 13	> 13	> 13

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

8 october 2002 (supersedes 11 june 2001)

CARTER VP/CS

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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.

