

Carter XEP

Mineral oil for enclosed gear drives

APPLICATIONS

Light to heavy duty gearboxes.

Carter XEP has been specially designed for lubricating enclosed gear drives operating under severe conditions.

ADVANTAGES

High quality extreme-pressure and anti-wear properties ensuring micro pitting protection.

Excellent resistance to oil oxidation and degradation.

Excellent seal compatibility.

Outstanding protection against rust and corrosion of copper alloys.

Excellent resistance to foaming and emulsion formation.

SPECIFICATIONS

- DIN 51517 Part 3 - CLP
- ISO 12925-1 category CKD/CKSMP
- AGMA 9005-F16 AS
- SEB 181226
- JIS K 2219:2006 (Class 2)
- Chinese GB 5903 L-CKD
- US STEEL 224

APPROVALS

FLENDER

CMD GEARS and many others

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

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Carter XEP					
			150	220	320	460	680	1000
Density at 15 °C	kg/m ³	ISO 3675	870	871	873	873	881	884
Temperature at 25 mm ² /s	°C	-	84	95	104	114	130	135
Temperature at 2000 mm ² /s	°C	-	3	8	13	18	23	39
Temperature at 5000 mm ² /s	°C	-	-7	-2	3	7	11	17
Color index	-	ISO 2049	L0.5	L0.5	L0.5	L0.5	L0.5	L1.3
Water solubility	-	-	No	No	No	No	No	No
Viscosity at 40°C	mm ² /s	ISO 3104	150	220	320	460	680	1000
Viscosity at 100°C	mm ² /s	ISO 3104	16	22	28	37	55	65.6
Viscosity index	-	ISO 2909	115	118	119	122	142	130
Open cup Flash Point	°C	ISO 2592	252	230	222	214	216	210
Pour point	°C	ISO 3016	-39	-39	-36	-36	-30	-21
FZG A/8.3/90	Fail stage	DIN 51354/2	>12	>12	>12	>12	>12	>12
FZG Micro pitting - GFT Class	Fail stage	FVA 54/7	>10 high	>10 high	>10 high	>10 high	>10 high	>10 high

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