

Carter HD

Very high-performance lubricant for heavy duty gearboxes

APPLICATIONS

Very high loaded gears in casing, chocs and vibrations.

Carter HD is a new generation of very high-performance mineral lubricant for heavy loaded gearboxes and services with vibration. This new oil technology provides very high EP performance and longer life to the equipment.

ADVANTAGES

Excellent shear stability.

Excellent oxidation resistance and corrosion protection.

Reduces maintenance costs and extends equipment's lifetime.

Due to a very high EP characteristics, can surpass lubricant based on solid additivation.

The liquid additivation avoids deposits in carter.

SPECIFICATIONS

DIN 51517 Part 3 - CLP

ISO 12925-1 category CKD

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 HD				
			150	220	320	460	680
Density at 15 °C	kg/m ³	ISO 3675	898	902	906	910	909
Viscosity at 40°C	mm ² /s	ISO 3104	150	220	320	460	680
Viscosity index	-	ISO 2909	101	100	100	99	102
Open cup Flash Point	°C	ISO 2592	242	234	238	230	234
Pour point	°C	ISO 3016	-20	-18	-15	-12	-10
4 ball weld load	kg	ASTM D 2783			500		
FZG test A/8,3/90	-	DIN 51354-2			>13		
FAG test FE 8 wearing – Roller	mg	DIN 51819-3			<10		
Brügger test	N/mm ²	-			>95		

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