

# CORTIS XHT



Lubrication



Oils for moving parts operating at very high temperatures (280°C).

## APPLICATIONS

**Moving parts operating at very high temperatures**

- **CORTIS XHT** is a synthetic oil range particularly suitable for lubricating moving parts operating at very high temperatures.
- Roller chains, conveyor rollers, and cams operating in furnaces and ovens.
- Chains and bars in continuous wood panel production machines.

## ADVANTAGES

- Ensure continuous lubrication of mechanisms at temperatures up to 280°C.
- The very specific additivations provide an excellent corrosion protection and anti-wear performances at very high temperatures.
- The exceptional thermal stability of CORTIS XHT reduces the formation of deposits, gums, and particularly to hard varnish and laques.
- The very low volatility and good detergent properties provide life time improvement and reduction of lubrication frequency.
- Must be applied on clean chains to get an optimum result. The reduction of lubrication intervals allows chains cleaning from all deposits.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CORTIS XHT 68	CORTIS XHT 245	CORTIS XHT 320
Appearance	-	-	Brown	Brown	Brown
Density at 20 °C	ISO 12185	kg/dm <sup>3</sup>	0.968	0.968	0.966
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	68	245	323
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	8.5	19	22
Viscosity index	ISO 2909	-	87	86	85
Copper corrosion	ISO 2160		1a	1a	1a
Open Cup Flash Point	ISO 2592	°C	283	292	290

Above characteristics are mean values given as information.

TOTAL LUBRIFIANTS  
INDUSTRIE  
10-12-2014 (supersedes 12-03-2012)  
CORTIS XHT  
1/1



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](http://www.quick-fds.com).