

Cad Tex HT.

Varieties
19 L
200 L

Ester-based, synthetic lubricant
for chains in high temperature.

Description

Cad Tex HT is a range of ester-based, synthetic lubricants for oven chains that operate in high temperature (up to 250 °C). In high-temperature oven tests, Cad Tex HT remained stable upon oxidation, with changes in viscosity and increments in acidity below 2%. Cad Tex HT provides excellent protection against corrosion caused by wet vapors in ovens used in the automotive, metalworking, paper, and textile industries.





Nonfood
compounds H2



Lubrication
period



For
chains



High
temperature

Benefits

- Protects against corrosion, wear, and rust.
- Provides excellent oxidative and thermal stability.
- Generates very little carbon residue.
- Is highly resistant to evaporation.
- Reduces runoff.
- Supports extreme loads.

Main applications

Thermofixing processes in the textile industry
Chains in paint ovens
Lithography and printing chains

Application methods

Automatic centralized systems.
Manual systems.

ASTM Norm	Cad Tex HT							
D-2422	ISO viscosity grade	55	100	150	220	320	460	680
D-445	Viscosity at 40 °C, cSt	60.8	99.5	140	215	331.5	471.1	680
D-445	Viscosity at 100 °C, cSt	9.6	12.9	16.2	20.6	32.7	44.4	58.5
D-2270	Viscosity index	139	125	120	112	138	150	150
D-97	Pour point, °C	-30	-30	-30	-30	-30	-30	-30
D-92	Flash point, °C	290	290	300	300	300	300	295
D-2266		Four-ball wear, mm						
1 hour 1,200 rpm 40 kg at 75 °C		0.4	0.4	0.4	0.4	0.4	0.4	0.4
1 hour 1,200 rpm 40 kg at 260 °C		0.6	0.6	0.6	0.6	0.6	0.6	0.6
D-664	TAN mg KOH/g	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Evaporation loss at 204 °C, % in weight								
8 hours		2.7	2.4	2.2	2.2	2.2	2.2	2.2
24 hours		4.5	4.4	4.2	4.2	3.4	3.1	3.1
NSF H2 register		161447	152080	152076	152077	152078	152079	
Service temperature, °C			-10 to 220			-10 to 250		

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