

DETOS-DEHT-X

Technical Data Sheet

Industrial Heat Transfer Oil

Product Description: DETOS-DEHT-X oil is based on a premium quality hydrocracked mineral base oil. Its advance formulation provides high thermal stability which enables it to deliver extended performance in industrial heat transfer systems with force circulations.



Attributes & Performance Benefits:

• Extended Oil Life:

DETOS-DEHT-X oil is formulated with a hydrocracked base oil that provides extended life and excellent resistance against oil cracking and oxidation which enables it to minimize the risk of oil thickening during operation and provides extended oil life.

• Outstanding Efficiency:

DETOS-DEHT-X oil provides extra low vapor pressure at elevated temperatures, minimizes evaporation, vapor lock and pump cavitation. Its advance formulation allows efficient operation at lower system pressure, avoiding the need for expensive high pressure piping and heat exchangers.

• Equipment Protection:

DETOS-DEHT-X oil possess advanced high thermal stability and oxidation resistance which decreases of sludge formation and coke deposits minimizing the risk of system choking. Its high solvency reduces deposit formation and keeps the internal surface of heat exchanger clean.



Applications:

DETOS-DEHT-X oil can be used in industrial heat transfer systems where fuel oil, gas or electricity is used to heat a fluid, which then transfers heat to the point of application through force circulation. Applications limits:

- Maximum film temperature: 320°C
- Maximum bulk temperature: 300°C



Performance Standards:

- Classified as ISO 6743-12 Family Q
- Meets DIN 51522 requirements.



Health, Safety & Environment:

- Guidelines for health, safety and handling of the product are available in the Material Safety Data Sheet of the product which can be obtained from our representative.
- Dispose off used oil at an authorized collection point. Do not discharge into drains, soil or water.

Properties	Method	Units	DETOS-DEHT-X
ISO Viscosity Grade			32
Kinematic Viscosity @ 40°C	ASTM D445	mm²/s	32
Kinematic Viscosity @ 100°C	ASTM D445	mm²/s	5.6
Viscosity Index	ASTM D2270		113
Density @ 15°C	ASTM D4052	Kg/m ³	853.8
Flash Point (COC)	ASTM D92	°C	220
Pour Point	ASTM D97	°C	-24

Typical Physical Characteristics: