

DETOS-DES-X

Spindle Oil

Technical Data Sheet

Product Description: DETOS-DES-X is formulated with premium quality hydrocracked mineral base oil and advanced additive packages technology. It is designed to provide outstanding performance in the high speed spindles of machine tools, bearing lubrications and industrial circulating systems where low viscosity oils are required.



Attributes & Performance Benefits:

- **Long Oil & Equipment Life:**
DETOS-DES-X oils are formulated with rust and oxidation inhibitors to provide superior performance and high resistance to rust and oxidation under extreme operating conditions which effectively extends oil and equipment life.
- **Resistance Against Corrosion:**
DETOS-DES-X provides excellent resistance against corrosion on equipment components through enhanced stability and an advanced additive package.
- **Excellent Wear Protection:**
DETOS-DES-X oils are formulated with a high performance anti-wear additive package which enables it to provide excellent equipment protection during operation, prolong the operational life of bearings and improves machine reliability.
- **Increased System Efficiency**
DETOS-DES-X is formulated with low viscosity oil which provides continuous smooth running to high speed machine elements and minimizes heat buildup through frictional energy losses.



Applications:

- Textile machine spinning frame spindles.
- Automated machine tools requiring low viscosity oil
- High speed lightly loaded spindles and industrial machine bearings.
- Industrial circulating oil systems requiring low viscosity oil.
- Hydraulic systems where lower viscosity, anti-wear fluids are recommended.



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 official representative.
- Dispose of used oil at an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics:

Properties	Method	Units	DETOS-DES-X	DETOS-DES-X
ISO Viscosity Grade			10	22
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	10	22
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	2.61	4.25
Viscosity Index	ASTM D2270		89	95
Flash Point (COC)	ASTM D92	°C	180	190
Pour Point	ASTM D97	°C	-30	-30