Product Data Sheet

SERVOSPIN

Low Viscosity Spindle Oil

Description

Servospin oils are low viscosity lubricants developed to cater to the requirements of modern high speed spindles employed in textile mills, machine tools etc. These oils are blended from highly refined low viscosity base stocks having inherent oxidation and chemical stability. These oils are further fortified with antioxidant, anti-wear, anti-rust and defoamant additives.

Performance, Features and Benefits

- Have longer services life, due to improved oxidation stability
- Reduce wear of components since they have excellent load carrying abiltiy
- Provide excellent protection against rust and corrosion even during idle periods and under humid conditions prevailing in textile mills.
- Maintain normal operating temperatures since they are light bodied oils having excellent thermal stability.

Application

Servospin oils are recommended for use in high speed textile spindles and machine tool spindle bearings. These oils are also used in wood working machine spindle bearings. Other high speed applications for Servospin oils include timing gears of positive displacement blowers, centrifugal tracer mechanism, hydraulic systems of precision machine tools.

Approvals / Performance Standards / Recommendations

- Have longer services life, due to improved oxidation stability
- Reduce wear of components since they have excellent load carrying abiltiy
- Provide excellent protection against rust and corrosion even during idle periods and under humid conditions prevailing in textile mills.
- Maintain normal operating temperatures since they are light bodied oils having excellent thermal stability.
- Servospin oils are approved by the leading machinery manufacturers, such as :
  - Cincinnati Milacron, USA
  - Hindustan Machine Tools Ltd., Bangalore
  - Mysore Kirloskar Ltd., Harihar
  - Texmaco Ltd., Calcutta

Typical Physical Characteristics

SERVOSPIN	Method	2	5	12	22
Kinematic Viscosity @ 40°C, cSt	D-445	2.2	4.80	13.7	21
Flash Point (COC), °C,	D-92	70	130	184	194
Pour Point, °C	D-97	(-)3	(-)3	(-)6	(-)6
Rust Test	D-665A	Pass	Pass	Pass	Pass
Colour	D-1500	1.5	2.0	<1.5	2.5

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at https://cx.indianoil.in/. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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For further information, please contact our nearest office or:
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