



## Product Data

# Castrol Hyspin® Spindle Oils

Light-Bodied Oils

## Description

Castrol Hyspin Spindle Oils are light-bodied oils formulated especially for the lubrication of high speed and precision machine tool spindle bearings. Hyspin Spindle Oils are made with severely hydrotreated or severely solvent refined oils to promote health and safety as well as high performance.

## Application

Hyspin Spindle Oils are designed for use in all types of spindle bearings, including high-speed spindle bearings.

## Advantages

- Corrosion-resistant on all lubricated surfaces.
- The selection of the base oils and other ingredients provides a long service life.
- Excellent wear protection for precision bearing surfaces.
- Controlled foaming to provide consistent lubrication under the high agitation conditions found in spindle bearings.

## Characteristics

ISO Grade	10	22	32	220
Kinematic Viscosity, ASTM D-445				
@ 40° C, cSt	10.03	23	33.8	218
@ 100°C, cSt	2.61	4.5	5.6	19.3
@ 100°F, SUS	61.5	119	160	1132
@ 210°F, SUS	35.0	40.6	44.1	96
Viscosity Index, ASTM D-2250	105	105	103	100
Flash Point, ASTM D-92, °C /°F	> 135/275 °F	> 185/365 °F	> 185/365 °F	> 224/435 °F
Specific Gravity, ASTM D-1298, @ 15°C/ 60° F.	0.85	0.85	0.86	0.88
Oxidation Life, ASTM D-943, hrs to TAN 2.0	-	-	7000+	-

## Compatibility with Work Materials

Hyspin Spindle Oils provide compatibility with bearing materials and seals. While Hyspin Spindle Oils are compatible with other premium spindle oils, reservoirs should be completely drained and refilled with the OEM recommended viscosity grade for optimum performance. Consult your Castrol Sales Engineer for questions regarding compatibility.

Castrol Hyspin Spindle Oils  
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