

TDS: (Technical Data Sheet)



GLOBAL SPINDLE-20:

GSO-20 spindle oils are low viscosity lubricants, blended from highly refined base stocks having excellent oxidation and chemical stability with anti-oxidant, anti-wear, anti-rust and anti-foam additives.

APPLICATION:

- Recommended for bearing lubrication of high-speed textile and machine tool spindles, timing gears, centrifugal separators, positive displacement blowers and hydraulic systems of certain high precision machine tools.
- Global Spin 20 is also recommended as anti-wear hydraulic oil for systems requiring low viscosity hydraulic fluid.

DESCRIPTION AND ADVANTAGES:

To properly choose the viscosity of an oil ring, the following data are necessary: cursor speed, number of cursor and cursor material. These oil consumptions and the risk of staining lot splash is reduced.

Due to its excellent capillarity, GLOBAL SPINDLE OIL range is provided with high humectant capacity. It does not dry up the oiling wick; hence the lubricating capacity is increased being the friction reduced to a minimum. Additionally, GLOBAL SPINDLE OIL has been designed to operate at high knitting speed, to improve the useful life of rings and slides.

- Excellent resistance to rust and corrosion leading to longevity of system parts
- Good thermal and chemical stability and hence extended oil life
- Excellent low fluid friction, thereby leading to reduced power consumption of spindles
- Excellent anti-wear characteristics resulting in extended life of system parts

CAUTIONS:

Do not mixing with other oils, because they can cause waste in the rings and decreased capillary wicks, thereby decreasing its lubricating power.

PHYSICAL CHEMICAL CHARACTERISTICS:

CHARACTERISTICS	POWEROIL SPIN	
	12	20
ISO VG	12	22
Colour (ASTM)	1.0	1.5
Kinematic Viscosity @ 40oC, cSt	12	22
Flash point, COC, oC, Min.	160	180
Pour point, oC., Max.	-6	-6
Rust test (D-665)	Pass	Pass