



SHIELD - CIRCULATING OILS FULLY SYNTHETIC

DESCRIPTION

Shield's Circulating Oils Fully Synthetic are blended from high quality synthetic base oils and carefully selected anti rust, anti oxidation, and anti foam additives. These oils have a good demulsibility characteristic which will provide a long service life.



PERFORMANCE LEVELS:

- DIN 51524 PART 1

APPLICATIONS:

Shield's Circulating Oils Fully Synthetic recommended for machine circulating systems, vacuum pumps and industrial applications requiring rust protection such as electric motor bearing, blowers, industrial spindles, machine tools, and compressors. Suitable for low or moderately loaded enclosed gears where anti wear or extreme pressure properties are not required.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	ISO Grades						
			68	100	150	220	320	460	680
1	Viscosity @ 40°C	ASTM D 445	68	100	150	220	320	460	680
2	Viscosity Index	ASTM D 2270	160	165	170	170	155	150	145
3	Flash Point COC, °C	ASTM D 92	230	250	250	230	255	260	260
4	Pour Point COC, °C	ASTM D 97	-42	-42	-42	-40	-35	-30	-30
5	Color	ASTM D 1500	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
6	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B	C & B	C & B	C & B

* Exact specifications may slightly vary from the above, but within the international standards