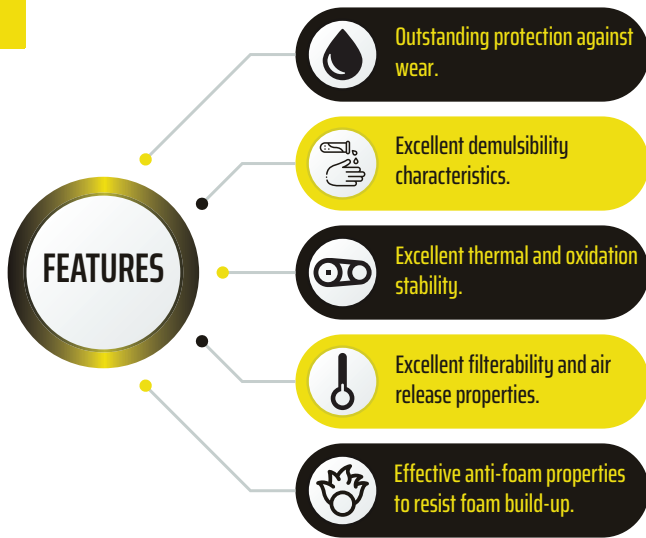




SHIELD - FULLY SYNTHETIC HYDRAULIC OILS

DESCRIPTION

Shield's Fully Synthetic Hydraulic Oil is a superior multipurpose anti wear hydraulic oil. It is blended from a fully synthetic base stock and carefully selected anti-oxidants, anti wear and anti foam additives. Because of the synthetic base stock this oil has the outstanding ability to withstand oxidation at high operating temperatures which results in maximum service life for the oil.



PERFORMANCE LEVELS:

- DIN 51524H & HL
- DIN 51517 CLP
- Cincinnati Milacron P-68, P-69, P-70 AW Hydraulic Oils
- Vickers M-2950-S
- Abex-Denison Service Application HF-0/1 & HF-2
- Steel 136, 127

APPLICATIONS:

Shield's Fully Synthetic Hydraulic Oil recommended for use in modern high pressure service hydraulic systems, precision machine tools, circulation system of industrial gear boxes, earth moving equipments, forklifts and cranes.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	ISO Grades					
			10	22	32	46	68	100
1	Kinematic Viscosity @ 40°C	ASTM D 445	10	22	32	46	68	100
2	Viscosity Index	ASTM D 2270	124	140	140	138	153	160
3	Flash Point COC, °C	ASTM D 92	180	220	238	255	260	265
4	Pour Point, °C	ASTM D 97	-27	-42	-42	-38	-35	-33
5	Demulsibility Test	ASTM D 1401	Pass	Pass	Pass	Pass	Pass	Pass
6	Density @ 15°C, g/cm ³	ASTM D 1298	0.83	0.84	0.85	0.85	0.85	0.85
7	Appearance	ASTM D 4179	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