

Circulating Oils AW

Description :

Divyol Anti wear circulating oils are blended from solvent refined base oil with carefully selected anti wear additives. These oils are intended to work efficiently in a wide variety of working conditions including low as well as very high loads.

Performance Level : Meets

BIS 11656 -1986 (Reaffirmed 2013),
BIS 10522 -1993 (Reaffirmed 2014),
DIN 51524 Part I, Part II,
AFNOR NF E 48-603 (HM,HV)
SS 155434, SEB 181 222,
ISO 6743/4 (HM,HV),
ISO 11158 (HM,HV),
IPSS:1-09-001-97.

Application :

- Recommended for sophisticated high performance electro - hydraulic or numerically controlled systems.
- Extensively used in special purpose machines, Positive displacement pumps such as axial, piston, vane and gear types.
- Also Suitable for enclosed gear boxes, reciprocating compressors, chain drives, machine tools, circulation oil systems.

Performance Benefits :

- Minimized wear on pump components, including valves, cylinders, pistons.
- Rust protection to system internals.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	AW 220	AW 320	AW 460
1	Appearance	Visual	Bright & Clear		
2	Colour	ASTM D 1500	5	5	5
3	Kinematic viscosity @40°C, cSt	ASTM D 445	227	320	455
4	Viscosity index	ASTM D 2270	95	95	95
5	Flash point, COC, °C	ASTM D 92	240	250	260
6	Copper Strip Corrosion @100°C for 3 Hrs.	ASTM D 130	1	1	1
7	Rusting Test	ASTM D 665B	Pass	Pass	Pass
8	Pour point, °C	ASTM D 97	Minus 6	Minus 6	Minus 6
9	Emulsion characteristics @82 °C ml	ASTM D 1401	40-37-3 (30)	40-37-3 (30)	40-37-3 (30)
10	Foaming characteristics, ml, Stability Seq. I / Seq. II / Seq. III	ASTM D 892	Nil / Nil / Nil	Nil / Nil / Nil	Nil / Nil / Nil