



For total industrial lubricant solutions



Hydraulic Oil

HYDROVEL AW

32, 46, 68, 100, 150, 220, 320, 460

IS: 10522-1983(RA 1998), DIN 51 524 PART 1.

Product Data Sheet

PRODUCT DESCRIPTION : HYDROVEL AW grades are blends of high viscosity index, chemically stable base oils and specially selected anti-wear, anti-oxidation, anti-rust and anti-foam additives. These oils have good demulsibility characteristics. They meet the requirements of very high pressure systems (1000 psi and above) and also of systems where high speed actuations are desired.

APPLICATION : HYDROVEL AW grades are extensively used to actuate various mechanisms of special purpose machines, positive displacement pumps such as axial, piston, vane and gear types etc. They can also be used in enclosed gear boxes, compressors, chain drives, machine tools, circulation oiling systems, etc.

PERFORMANCE LEVEL : HYDROVEL AW 32 TO AW 150 grades Meet IS 10522 – 1983 (RA 1998), DIN 51 524 PART 1.

Typical Properties

CHARACTERISTICS	HYDROVEL AW							
Grades	32	46	68	100	150	220	320	460
Kinematic Viscosity @40°C, cSt.	30-34	43-49	66-72	95-105	145-160	210-230	300-340	440 -480
Viscosity Index, Min.	95	95	95	90	90	90	90	90
Flash Point ,COC, °C,Min.	200	200	220	220	230	240	250	250
Pour Point, °C, Max.	(-)6	(-)6	(-)6	(-)6	(-)6	(-)6	(-)6	(-)6
Copper strip Corrosion for 3 hrs @100°C.	1	1	1	1	1	1	1	1
Rust prevention Test, 24 hrs.	Passes	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Foam Characteristics: Foam stability after 10 minutes settling time ,foam ml,seq I/II/III	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Emulsion characteristics, Max.	40-37-3 (20)			40-37-3 (30)				