



For total industrial lubricant solutions



Hydraulic Oil

HYDROVEL R & O

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

IS: 3098-1983 (RA 2004), DIN 51 524 PART 1

Product Data Sheet

PRODUCT DESCRIPTION: HYDROVEL R & O grades are mineral oil based top quality hydraulic oils having outstanding corrosion protection / oxidation inhibition properties. They are made from highly refined base stocks and combination of selected additives to give the finished product with outstanding oxidation stability, water separation capability and anti corrosion properties. The use of an oil soluble type foam suppressant provides HYDROVEL R & O series excellent antifoam characteristics.

APPLICATION: HYDROVEL R & O series are suggested for moderate hydraulic systems and wide variety of circulating systems of industrial equipments.

PERFORMANCE LEVEL: Meets IS: 3098-1983 (RA 2004), DIN 51 524 PART 1

Typical Properties

CHARACTERISTICS	HYDROVEL R & O							
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.	190	200	220	220	220	230	250	250
Pour Point, °C, Max.	(-)6	(-)3	(-)3	(-)3	(-)3	(-)3	(-)3	(-)3
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)					