



For total industrial lubricant solutions



# Hydraulic Oil

## HYDROVEL HVLP

32, 46, 68, 100

IS: 11656-1986 (RA 2002), DIN 51524 PART III

### Product Data Sheet

**PRODUCT DESCRIPTION:** HYDROVEL HVLP grades are premium grade shear stable high viscosity index hydraulic oils with low pour points to withstand wide variations of ambient and operating temperatures. These multi viscosity oils contain special anti-wear additive package that reduces wear, rust, oxidation, etc, with good hydrolytic stability and water separation characteristics to provide excellent filterability. Also excellent anti-foam and air release properties provide smooth operation and increase the system efficiency. These oils are compatible with most of the seals normally used in hydraulic systems.

**APPLICATION:** HYDROVEL HVLP grades are mainly recommended for high pressure hydraulic systems of excavators and other suitable industrial applications where such type of oils are recommended.

**PERFORMANCE LEVEL:** Meets IS 11656 – 1986 (RA 2002), DIN 51524 Part III

### Typical Properties

CHARACTERISTICS	HYDROVEL HVLP			
Grades	32	46	68	100
Kinematic Viscosity @40°C, cSt.	30-34	44-48	68-72	95-105
Viscosity Index, Min.	160	135	135	130
Flash Point ,COC, °C, Min.	200	200	220	220
Pour Point, °C, Max.	(-)30	(-)24	(-)24	(-)24
Copper strip Corrosion for 3 hrs @100°C.	1	1	1	1
Rust prevention Test, 24 hrs.	Passes	Passes	Passes	Passes
Total Acidity (mg of KOH/g of oil)	1	1	1	1
Foam Characteristics: Foam stability after 10 minutes settling time ,foam ml,seq I/II/III	Nil	Nil	Nil	Nil
Emulsion characteristics, Max.	40-37-3 (20)		40-37-3 (30)	

These are typical figures and do not constitute a specification. In pursuit of continuous improvement, these figures may be changed without notice at the sole discretion of Nandan Petrochem Ltd.

Rev.No. 01-01/04/2013