



# DASHMILE LUBTECH

**Product Name: - HYDRAULIC HVLP SERIES**

**HYDRAULIC OIL HVLP 32 /46 /68 /100 /150**

## Product Description

HVLP 46/68/100/150 oils are high performance premium quality hydraulic oils. They are blended from hydro processed, high viscosity index Group II plus base oils with proven zinc based anti-wear additive. These oils are designed with excellent viscosity control to operate over a wide range of working conditions including severe mechanical stress and wide temperature range.

## Applications

HVLP 46/68/100/150 oils are also used in high pressure hydraulic power systems and a wide variety of circulation systems of industrial and automotive equipment. They are also used in general manufacturing, power and metal equipment operating at high speeds, loads and temperatures. These oils are also recommended for the lubrication of rotors, bearings, gears and in piston, vane and gear pumps.

## Features & Benefits

- Excellent viscosity/temperature properties
- Prevents aging. prevents foam formation
- Good corrosion protection. excellent low temperature behaviour
- high wear resistance
- 

## Specification & Typical properties:

| Sr.No. | Tests                       | UOM               | Method      | 32             | 46             | 68             | 100            | 150            |
|--------|-----------------------------|-------------------|-------------|----------------|----------------|----------------|----------------|----------------|
| 1      | Appearance                  | ----              | Visual      | Clear & Bright | Clear & Bright | Clear & Bright | Clear & Bright | Clear & Bright |
| 2      | Crackle Test                | ----              | ----        | Negative       | Negative       | Negative       | Negative       | Negative       |
| 3      | Density @ 29.5°C            | g/cm <sup>3</sup> | ASTM D 4052 | 0.845          | 0.850          | 0.858          | 0.8529         | 0.8612         |
| 4      | Kinematic Viscosity @ 40°C  | cSt               | ASTM D 445  | 30             | 46             | 68             | 100            | 150            |
| 5      | Kinematic Viscosity @ 100°C | cSt               | ASTM D 445  | 5.1            | 6.69           | 8.65           | 11.42          | 14.64          |
| 6      | Viscosity Index             | ----              | ASTM D 2270 | 96             | 96             | 97             | 100            | 96             |
| 7      | Flash Point (COC)           | °C                | ASTM D 92   | >200           | >200           | >200           | >200           | >200           |
| 8      | Pour Point                  | °C                | ASTM D 97   | -6             | -6             | -6             | -6             | -6             |
| 9      | TAN                         | mg KOH/gm         | ASTM D2896B | 0.85           | 0.85           | 0.85           | 0.85           | 0.85           |