



## Hydraulic HVLP 46

### Hydraulic oil

---

<b>DESCRIPTION</b>	<p>HARTOL Hydraulic HVLP 46 is a multigrade hydraulic oil with extreme pressure additives, formulated from carefully selected base oils of selective purification and additives. It is designed to provide the following properties:</p> <ul style="list-style-type: none"><li>• High and consistent viscosity index.</li><li>• Outstanding anti-wear properties.</li><li>• Excellent anti-corrosion activity.</li><li>• Superior oxidation resistance.</li><li>• Highly effective demulsifying, deaeration, and anti-foam properties.</li><li>• Good compatibility with seals and gaskets made of synthetic materials.</li><li>• Low pour point.</li></ul>
--------------------	---

---

<b>APPLICATION</b>	<p>HARTOL Hydraulic HVLP 46 is specially formulated for heavy-duty hydraulic systems in earthmoving equipment and stationary installations that operate at high pressure across a wide temperature range. However, it is not compatible with systems containing silver-plated or coated components or parts.</p>
--------------------	--

---

<b>SPECIFICATIONS</b>	<ul style="list-style-type: none"><li>• DIN 51524-3 HVLP</li><li>• ISO 11158 HV</li><li>• ASTM D 6158 HV</li><li>• AFNOR NF E 48-603 HV</li><li>• Cincinnati Machine P-70</li><li>• Denison HF-0/HF-1/HF-2</li><li>• Eaton Brochure 694 for 35VQ25A</li><li>• GM LS-2</li></ul>
-----------------------	---

---

<b>TYPICAL PROPERTIES</b>	<ul style="list-style-type: none"><li>• Density at 15 °C, kg/l</li><li>• Viscosity 40 °C, mm<sup>2</sup>/s</li><li>• Viscosity 100 °C, mm<sup>2</sup>/s</li><li>• Viscosity Index</li><li>• Flash Point COC, °C</li><li>• Pour Point, °C</li><li>• Total Base Number, mgKOH/g</li><li>• Sulphate Ash, %</li></ul>	<p>0,851 45,80 8,04 149 220 -42 0,40 0,06</p>
---------------------------	---	---