



ADECO[®] HIDRA HV

Product Description:

Hydraulic oils ADECO[®] HIDRA HV are produced from refined mineral base oils and a special additive packages.

Purpose:

Mineral hydraulic oils ADECO[®] HIDRA HV are used as a operating medium in hydrostatic systems and as a lubricant for moving parts in circulation systems, which require oil with good oxidation stability, good corrosion protection and improved wear prevention.

These oils have a very high viscosity index, which enables application in a wide temperature range: from -30°C to +100°C. They are used in modern hydraulic systems operating under conditions of frequent and substantial changes in ambient temperature, usually outdoors, as well as for the hydraulic systems in construction and agricultural machines, hydraulic cranes, presses, marine equipment, etc.

Physical and Chemical Properties:

<i>Characteristic, Unit</i>	<i>Referential Values</i>					<i>Method</i>
ISO Viscosity Grade	15	32	46	68	100	
Density at 15 °C, g/cm ³	0,85	0,86	0,865	0,870	0,870	ASTM D 1298
Kinematic Viscosity at 40 °C, mm ² /s	14 – 16	30 – 34	42 – 50	62 – 74	90 – 110	ASTM D 445
Kinematic Viscosity at 100 °C, mm ² /s	4 – 6	6 – 7	8 – 9	9 – 10	10 – 12	ASTM D 445
Viscosity Index	140	140	140	140	140	ASTM D 2270
Flash Point, COC, °C	180	200	220	230	240	ASTM D 92
Pour Point, °C	-40	-38	-35	-32	-30	ASTM D 97

Meet Specifications:

ISO 6743/4 L-HV; ISO 11158 L-HV; DIN 51 524/3 HVLP; Denison HF-0; AFNOR NF E 48-603: HV; Sperry Vickers M-2950-S/I-286-S.

Packaging: 205 L, 1000 L