



Hydra Part BIO 46 Hydraulic Oil

Biodegradable hydraulic fluids

Hydra Part BD hydraulic oils are high quality blend of naturally occurring esters and ashless, antiwear, anti-oxidant, anti-foam and anti-corrosion additives. These products have a high-viscosity-index, are virtually non-toxic, possess excellent oxidation and corrosion resistance.

Hydra Part BD are to be used in hydraulic systems where biodegradable fluids are preferred for environmental reasons with recommended operating temperatures between -20°C to + 60°C.

Features and Benefits

- Fully biodegradable
- Compatible with mineral oils
- High content of renewable resources
- High oxidation stability
- Ashless technology

Specifications & Performance Testing	
Vickers Vane Pump (IP281)	FZG (CEC LO7-A-85)
ASTM D665 A & B	Demulsibility (ASTM D1401) & (IP19)
DIN 51524 Part II, Part III	TOST (ASTM D943)
Copper Corrosion (ASTM D130)	Air Release (IP 313)

Typical Data

Element	Unit	ISO VG 46
Viscosity 40°C	mm ² /s	45
Viscosity 100°C	mm ² /s	9.1
Flash point (COC)	°C	>200
Pour point	°C	-25
Density @ 15°C	°C	0.925
Water Solubility		Insoluble

Good standards of hygiene and housekeeping should always be adopted when using any industrial oils. A separate MSDS is available for this product. Additional advice can also be obtained from your local representative.