

**Product Information Sheet:****Date:** 17/01/2011**Ref:** AP/HV46/02

AGCO Parts HV Hydraulic Oil ISO 46

AGCO Parts references:

VACC3467	5ltr
VACC3331	20ltr
VACC3330	205ltr
VACC3388	1000ltr
VACC3389	Bulk

Applications

HV Hydraulic Oil ISO 46 is a mineral oil-based hydraulic fluid possessing a Viscosity Index (VI) greater than 130. It contains oxidation and corrosion-inhibitors, together with additives that minimize wear and foaming. The selection of shear stable VI-improvers ensures that the viscosity is maintained in service. This grade is intended for two main types of duty: such as in machinery subjected to very cold start-up conditions and high-temperature continuous running.

Main Benefits

- Wide operating temperature range
- Easy cold start-up
- High degree of equipment protection
- Good filterability
- Excellent performance in anti-wear protection, oxidation resistance and thermal stability

Specifications

DIN 51524 Part 3 (HVLP)
Sperry Vickers I-286-S3, M-2950-S
Denison HF-0 dry and wet T6C-020
Denison HF-1, HF-2
Poclain (HV 46)
AFNOR E48-603 (HV:HM)
ASLE 64.1 to 64.4, 70.1 to 70.3
CETOP RP91H

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

You should ensure that the product is only used for the purpose specified.

Typical Characteristics

ISO VG	HV46
Density @ 15°C	0.881
Flash Point (closed) °C	195
Pour Point °C	-40
Viscosity cSt at 100 °	8.6
Viscosity cSt at 40 °C	47
Viscosity Index	>130
Vickers Pump Wear, wt loss mgs.	<50
FZG Gear Test, pass load	12
Rust Test (D-665)	Pass
Foaming Test	Pass

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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You should always refer to the relevant machine Operators Instruction Manual and only use correct specifications advised