



TECHNICAL DATA SHEET

HYDRAULIC OIL H68HV

An ISO HV68 Hydraulic Oil



Product Description:

GEM Hydraulic Oil H68HV is a Multigrade anti wear hydraulic oil manufactured from low aromatic solvent refined base stocks.

The formulation contains a modern low zinc additive package which provides excellent anti-wear, anti-corrosion, anti-oxidant and anti-foam characteristics. The use of effective shear stable viscosity index improvers ensures even hydraulic response in cold and hot working environments.

Advantages/Benefits:

- Excellent air release.
- Low foaming.
- Excellent demulsibility.
- High Viscosity Index (VI)
- Superior anti-wear performance.
- Compatible with other mineral hydraulic oils
- Excellent filterability
- High oxidation stability.
- Multifunctional use.

Application:

Suitable for most hydraulic power transmission systems where reciprocating, rotary and axial piston pumps are used. Particularly suited for all applications in mobile and industrial hydraulic systems that require the use of a HVLP oil according to DIN 51 524-3 with a wide service temperature range.

Typical Test data:

KV @40°C (cSt)	66
KV @100°C (cSt)	10.7
VI	152
Appearance	Pale amber
SG @ 15.6°C	0.879
Pour Point (°C)	-36
Flash point (°C)	224

Health & Safety: (Group 1)

Please refer to the relevant MSDS which is available to all customers.

Availability:

Available in bulk, 1000 litre IBC's, 200 litre barrels and 20 litre drums.

Main Specifications:

DIN 51 524-3: HVLP
ISO 11158: HV
Denison HF 1, HF 2, HF 0
US Steel 127, 126
Poclain Excavators ISO 46
AFNOR NFE 48-603:HV
Cincinatti Milacron P-70, 69, 68
Vickers M-2950s & I-286s
Bosch Rexroth
CETOP RP 91 H



Gem Oils use a QMS system which is ISO 9001:2015 approved

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