



TECHNICAL DATA SHEET



HYDRAULIC OIL H100AW

A premium ISO VG100 Hydraulic Oil

Product Description:

GEM Hydraulic Oil H100AW is a superior grade hydraulic oil manufactured from low aromatic solvent refined base stocks with a naturally occurring high viscosity index.

The formulation contains a modern low zinc additive package which provides excellent anti-wear, anti-corrosion, anti-oxidant and anti-foam characteristics.

Hydraulic Oil H100AW provides excellent demulsification properties thus minimising the risk of hydrolysis in the presence of water.

Advantages/Benefits:

- Excellent demulsibility.
- Excellent air release.
- Low foaming.
- ISO cleanliness 15/12
- Superior anti-wear performance.
- High oxidation stability.
- Multifunctional use

Application:

Hydraulic Oil 100AW is suitable for most hydraulic power transmission systems where reciprocating, rotary and axial piston pumps are used. Typical applications will be found in static industrial and mobile earth moving hydraulics.

For specific OEM recommendations please contact your local representative or GEM Oils directly.



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

Typical Test data:

KV @40°C (cSt)	100
KV @100°C (cSt)	11.4
VI	100
Appearance	Clear and bright
SG @ 15.6°C	0.886
Pour Point (°C)	-12
Flash point (°C)	245

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 51 524-2: HLP
ISO 6743-4: HM
Denison HF 1, HF 2, HF 0
US Steel 127
Sperry Vickers I 286-S, M 2950-S,
AFNOR NF 48-600
VOMA 24318
Thyssen TH N-256132
SEB 181.222
CETOP RP 91 H
FZG Test, A/8.3/90: Load Stage 12

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