



TECHNICAL DATA SHEET

SAFELUBE HYDRAULIC OIL 46

Environmentally aware multigrade
Hydraulic oil based on Rapeseed Oil

Product Description:

Environmentally friendly multigrade hydraulic oil based on rapeseed oil (type HETG) for agricultural and construction machinery, meeting all requirements in accordance with VDMA 24568.

Advantages/Benefits:

- Significantly reduces the environmental impact of oil pollution
- Based on raw materials grown in the Central European climatic zone
- Classified as Water Hazard Class 1
- Non water soluble therefore will not contaminate groundwater as easily as water soluble products

Application:

With respect to viscosity, Safelube Hydraulic Oil 46 belongs to engine oil SAE class 5w/20 and is recommended for hydraulic systems that require the use of SAE 5w, SAE 10w, SAE 15w, SAE 20w, SAE 20w/20 engine oils or hydraulic oils in accordance with ISO VG32, VG46 and VG68. With respect to use in winter, Safelube Hydraulic Oil 46 ensures cold-flow at temperatures as low as -25°C

Not suitable for use in machinery that is to be filled with ATF or so called “wet brake oils” (UTTO or STOU)



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

Typical Test data:

KV @40°C (cSt)	42
KV @100°C (cSt)	9.6
VI	215
Appearance	Pale amber
Density @ 15°C	0.922 g/ml
Pour Point (°C)	-36
Flash point (°C)	306
Bio-degradability after 21 days (%)	>90

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.



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