

ENVOLUBRIC PG 46 NWL

HYDRAULIC FLUID HFD-U BASED ON ISO 12922
 BIODEGRADABLE HYDRAULIC FLUID - HEPG BASED ON DIN EN ISO 15380

DESCRIPTION

ENVOLUBRIC PG 46 NWL is a synthetic hydraulic fluid based on polyalkylene glycols in the ISO viscosity grade 46, with an extremely high flash point and auto ignition temperature (AIT).

ENVOLUBRIC PG 46 NWL has excellent corrosion prevention properties on steel, non-ferrous metals and zinc.

ENVOLUBRIC PG 46 NWL has outstanding anti wear properties and its characteristics are superior to many mineral oil-based hydraulic fluids.

The resistance to ageing behavior of ENVOLUBRIC PG 46 NWL is extremely good and the product does not tend to produce any sludge or deposits in systems. Because of the modern composition of ENVOLUBRIC PG 46 NWL and the excellent technological properties, this product can also be used in complex, sensitive hydraulic systems.

The compatibility with all standard elastomers is very good.

BENEFITS

- extremely high flash point and auto ignition temperature (AIT)
- superior anti wear properties (AW/EP)
- excellent corrosion prevention
- good biological degradability
- very good aging stability

PHYSICAL DATA

Appearance	yellow-brownish
Density/20°C (DIN 51757)	0.985 g/cm ³
Viscosity at 40°C (DIN 51562)	126.0 mm ² /s
Viscosity at 100 °C (DIN 51562)	49.1 mm ² /s
Viscosity index (ISO 2909)	181
Flash point (EN ISO 2592)	> 260 °C
Pour point (ISO 3016)	< - 40 °C
Air release properties (ISO 9120)	< 5 min
FZG-test (DIN 51354-2)	> 12
Manifold ignition test (DIN EN ISO 20823)	> 465 °C / Category = N

Only valid in combination with EC Safety Data Sheet

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