

HYDRO NT 46

ZINC FREE HYDRAULIC OILS WITH
PERFORMANT CLEANING PROPERTIES

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Rev. 0

DESCRIPTION & APPLICATIONS

HYDRO NT (New Technology) are hydraulic oils without zinc. They are filtered at 3 microns absolute (NAS 6).

They are particularly indicated for the hydraulic systems with servovalves and proportional valves, as well as all systems which ask for severe requirements of the oil purity and filterability.

Their cleaning properties avoid carbon deposits at the hot points of the systems.

ADVANTAGES

- High purity class.
- Strong cleaning properties.
- Excellent resistance to oxidation.
- Very high thermal stability.
- Excellent filterability.
- Antifoaming properties.
- Very good air release.
- Effective control of "stick-slip".

PERFORMANCES

Satisfies to the following specifications:

DIN 51502 HLP-D

DIN 51524 Teil 2 HLP

ISO 6743 HM

HYDRO NT 46

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 15°C	kg/m ³	NFT 60101	875
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	46
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	7
Viscosity index	-	NFT 60136	109
Flash point	°C	NFT 60118	222
Pour point	°C	NFT 60105	-21
Rust preventing characteristics	-	DIN 51585	pass
Copper corrosion	-	ASTM D 130	1a

The average values are given for information only.