

HYDROL BIO HETG

Viscosity grad: ISO VG: 46

GENERAL FEATURES:

Hydrol® Bio HETG hydraulic oil with the viscosity grade of ISO VG 46 is manufactured basing on vegetable base oil and a set of specially selected enriching additives improving operation features of the ready-to-use product. Oil biodegradability appointed according to CEC L-33-A-93 is 95%.
Features:

- very good anticorrosive and antiwear properties,
- good rheological properties in low temperatures,
- good ability to separate water,
- good resistance to oxidation.

APPLICATION:

Hydrol® Bio HETG 46 hydraulic oil is intended to be applied in the following systems: - dam control, - circulating lubrication of turbine sets in water power plants, or in all other hydraulic systems of machines and devices used in water intakes and dams, forestry and in agriculture.

STANDARDS, APPROVALS. SPECIFICATION:

It meets provision of:

VDMA 24 568 specification – HETG class (standard elaborated by German Association of Machine and Plant Manufacturers (VDMA)) DIN 51524 part2 – HLP.



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Density at 15°C	g/ml	0.954
Kinematic viscosity · at 00°C · at 40°C · at 0°C	mm ² /s	6.80 46.7 745
Flow temperature	°C	-30
Anticorrosive properties in steel	Corrosion grade	0-A
Ability to release air at 70°C	min.	6.3
Emulsifying ability at 54°C	min.	18
Acid value	mg KOH/g	0.72
Antiwear abilities with FZG	breaking load	>12

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

