



## ***ITALUB Serie HV Bio***

*Biodegradable HVI hydraulic fluids of superior quality*

### **Application:**

The **HV Bio** are hydraulic fluids formulated with synthetic bases, consisting of organic esters, suitably additives (Classification ISO-L-HFDU).

### **Features:**

- ☒ They are characterized by an excellent resistance to combustion which reduces the possibility of ignition by hot or melted metals.
- ☒ They are biodegradable over 70%
- ☒ Very high viscosity index.
- ☒ Long operating life even in severe operating conditions.
- ☒ High quality anti-wear, oxidation resistance and excellent thermal stability.

### **Typical properties: ITALUB Serie HV Bio**

ISO Viscosity Grade	46	68
Viscosity ASTM D-445		
cSt @ 40°C	42 - 48	63 - 70
cSt @ 100°C	7,8 – 8,5	10 – 11,5
Viscosity Index ASTM D-2270	≥170	≥165
Density @ 15°C, Kg/l, ASTM D-1298	0,918	0,925
Pour Point, °C, ASTM D-97	-36	-30
Flash Point, °C, ASTM D-92	305	306

### **Health and Safety:**

The data related to health, safety and environmental protection are provided in the material safety data sheets.

*The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.*

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