



## ***ITALUB HDDEO 15W-40 ZS***

*Lubricant for commercial vehicles*

### **Product Description:**

Multigrade with SAE grade 15W40, formulated with high quality base oils and multi-functional additives that ensure the protection of engines even under severe operating conditions. Especially recommended for turbocharged diesel engines of commercial vehicles, agricultural machinery and construction.

### **Features and Benefits:**

Ideal for mixed fleets including for transport vehicles on the road and earth moving machinery. Minimum formation of lacquer, sludge and deposits. Elimination of ring sticking. High protection against the thickening caused by the accumulation of soot. Good protection against abnormal polishing of the cylinders.

### **Specifications and Approval:**

Exceeds requirements: **API CF-4/SL, ACEA A3/B3, MB 228.1/229.1, MAN 271, Volvo VDS, VW 501.00/505.00**

### **Typical properties:**

#### **ITALUB HDDEO 15W-40 ZS**

SAE Grade	15W40
Viscosity ASTM D-445	
cSt @ 40°C	93,5 – 106,2
cSt @ 100°C	13,3 – 14,9
Viscosity Index ASTM D-2270	≥135
Pour Point, °C, ASTM D-97	-33
Flash Point, °C, ASTM D-92	≥220
Density @ 15°C, Kg/l, ASTM D-1298	≥0,865
Total Base Number, T.B.N, mgKOH/g, ASTM D-2896	8,5

### **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.*

**HDDEO 15W-40 ZS** Date Created: 18/01/2013 Last Edit: 17/05/2019

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