



# CHALLOILS®

## **CHALLOILS ZC 250**

*Anti-wear lubricant for mechanical transmissions*

### **Product Description:**

Gradation lubricant SAE 250, specially formulated for the lubrication of manual transmissions in which they are not required lubricant with EP characteristics and changes with a synchronizer. In particular it is suitable for gearboxes and gearbox / differential groups (in the absence of torque hypoid).

### **Features and Benefits:**

- Adjust the synchronizer service even in severe service.
- Marked anti-wear characteristics that ensure long life of bearings, gears, shafts and synchronizers.
- Excellent thermal stability and minimum change in viscosity (thickening).
- Perfect cleaning of the various gearbox organs.
- Minimum tendency to foam formation.

### **Specifications and Approval:**

Exceeds requirements: **API GL-5/MT-1**

### **Typical properties:**

### **CHALLOILS ZC 250**

SAE Grade	250
Viscosity ASTM D-445	
cSt @ 40°C	665 – 680
cSt @ 100°C	38 – 42
Viscosity Index ASTM D-2270	≥95
Pour Point, °C, ASTM D-97	≤-6
Flash Point, °C, ASTM D-92	≥250
Density @ 15°C, Kg/l, ASTM D-1298	≥0,910

### **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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