

## **Metal Giant 15W-40 Multi**

### **Description**

Metal Giant 15W-40 Multi. A diesel engine oil, formulated with solvent refined base oils and a well-balanced choice of additives. This engine oil has the following properties:

- a very powerful detergency prevents deposits in the engine
- a very strong dispersion that prevents from precipitation and sludge
- a powerful activity against corrosion and foam
- a high and stable viscosity index
- a powerful activity against wear resulting in strongly reduced wear of piston-rings and cylinder-liners.

### **Application**

This engine lubricant is applicable to diesel engines (normally- or turbo-aspirated) even under tough operation conditions and all the year round. This engine oil has a special additive system and may therefore be used, when fuels with relatively high sulphur contents are involved. This product is suitable for application in Euro 4 and Euro 5 engines.

### **Specifications**

ACEA E7  
API CI-4 / SL  
DTFR 15B110 (228.3)  
Mack EO-N, Renault VI RLD-2  
Volvo VDS-3  
Cat ECF-1-a / ECF-2  
Cummins CES 20077 / 20078  
Detroit Diesel 93K215  
Deutz DQC III-18  
Global DHD-1  
JASO DH-1  
Mack EO-M Plus  
MAN M 3275-1  
MB 228.3  
MTU Type 2  
Allison C3, CAT TO-2  
ZF 04C / 04P / 07C / 07D / 21K

### **Typicals**

Density at 15 °C, kg/l	0,875
Viscosity -20 °C, mPa.s	6300
Viscosity 40 °C, mm <sup>2</sup> /s	115,00
Viscosity 100 °C, mm <sup>2</sup> /s	15,10
Viscosity Index	136
Flash Point COC, °C	230
Pour Point, °C	-36
Total Base Number, mgKOH/g	11,1
Sulphate Ash, %	1,43