

## **Metal Giant 5W-30 UHPD**

### **Description**

Metal Giant 5W-30 UHPD . A top quality fuel-saving motor oil based on the latest additive technology in combination with specially selected synthetic base oils. This motor oil:

- prevents deposits in the engine
- prevents the formation of sediment and sludge
- extends the life of the particle filter
- has very strong anti-corrosion and anti-foaming properties
- prevents wear on piston rings and cylinder wall
- reduces fuel consumption
- contributes to a reduction in maintenance costs.

### **Application**

This low SAPS oil is very suitable for use in on-road Euro 6 and off-road EU Stage IV engines in combination with diesel fuels with a low sulfur content, where the specified specifications are required. Suitable for the toughest operating conditions in engines with or without particulate filters and exhaust gas after treatment systems. Can also be used in Volvo 13L Euro 6 Step D engines for which an oil with VDS-5 specification is prescribed.

### **Specifications**

ACEA E6, E7, E8, E9, E11  
API CK-4 / SN  
Deutz DQC IV-18 LA  
MAN M 3677, Mack EOS-4.5  
DTFR 15C110 (228.51)  
Renault VI RLD-3  
Scania LDF-4, Volvo VDS-4.5  
DAF PSQL 2.1E LD  
Cat ECF-3, Cummins CES 20086  
Detroit Diesel DFS 93K222, DTFR 15C120 / 15C100  
Ford WSS-M2C213-A, JASO DH-2  
MAN M 3775 / M 3271-1 / M 3477  
MB 228.51 / 228.52 / 228.31, MTU Type 3.1  
DAF Extended Drain, Iveco 18-1804 TLS E9

### **Typicals**

Density at 15 °C, kg/l	0,857
Viscosity -30 °C, mm <sup>2</sup> /s	6120
Viscosity 40 °C, mm <sup>2</sup> /s	75,10
Viscosity 100 °C, mm <sup>2</sup> /s	12,00
Viscosity Index	156
Flash Point COC, °C	222
Pour Point, °C	-42
Total Base Number, mgKOH/g	9,8
Sulphate Ash, %	0,97