



# OPUS LUBRICANTS PRODUCT DATA

## SYNOPSIS MAX FE 5W/30 LOW SAPS

### Description

**SYNOPSIS MAX FE 5W/30 LOW SAPS** is a very high spec heavy duty diesel engine oil that is designed to meet the necessary chemical limits required to maintain the efficiency of exhaust after-treatment devices, especially DPF's and SCR, EGR NOX reduction systems.

**SYNOPSIS MAX FE 5W/30 LOW SAPS** provides the highest level of rationalisation in mixed fleets where a number of manufacturers, models and engines are being used. The Low Saps additive technology coupled with synthetic base oils also ensures a high level of component protection and cleanliness when operating in severe conditions with extended drain intervals.

### Applications

**SYNOPSIS MAX FE 5W/30 LOW SAPS** is designed to allow fleet operators to run their new vehicles to maximum oil drain intervals. Its primary application is for the latest low emission Euro V and VI European trucks and buses, especially those requiring a Low SAPS lubricant.

### Performance Levels

- ACEA: E4/E7/E8/E11-22
- API: CK-4
- MB: 228.31 / 228.51 228.52
- MAN M3777 / M3677 / M3775 / M3477 / M3271-1
- MTU Type 3.1 / Type 2.1
- Deutz DQC IV-18 LA
- VOLVO VDS 4.5
- RLD-4 / RLD-3
- SCANIA LDF- 4
- Mack EOS – 4.5
- Caterpillar ECF-3
- Cummins CES 20086 / CES 20081
- DH-2-17, DH-1-17, DL-0-17
- Detroit Diesel 93K218, 93K222

### Benefits

- Maximum oil drain intervals.
- The unique Low SAPS additive system keeps on working even in the toughest conditions.
- Efficient after-treatment systems. Maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emissions legislation.
- Engine protection. Designed to protect the latest European vehicles against all types of engine wear, deposit and soot build-up and bore-polishing. The unique formulation continues to protect under the most severe conditions, thus extending engine life.



### **Typical Data**

| <b>SAE</b>          |             | <b>5W/30</b> |
|---------------------|-------------|--------------|
| Specific Gravity    | @ 15°C cSt  | 0.851        |
| Kinematic Viscosity | @ 100°C cSt | 11.50        |
|                     | @ 40°C cSt  | 65.50        |
| Viscosity Index     |             | 172          |
| Total Base Number   |             | 10.0         |
| Pour Point °C       |             | -45          |
| Flash Point °C      |             | 192          |
| Sulphated Ash       |             | <1.0         |

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