

## ZUMINOL SOLUTION

# 15W40 CJ 4 MOTOR OIL

ZUMINOL SOLUTION 15W-40 CJ4 is "Low SAPS" and formulated with the high technology, containing excellent additives, which protect against deposits and reduce camshaft wear. Suitable for all four-stroke diesel Euro V and Euro VI engines of trucks, with or without catalysts (e.g. SCR) or particulate filter. Meets most American and European manufacturers requirements and can also be used in older engines (Euro III and IV).

ZUMINOL SOLUTION 15W-40 CJ4 provides excellent oxidation stability and thermal stability, it can ensure the oil and the engine to stay in good condition. The quality is guaranteed during the full drain interval, regardless the type of engine.

### SPECIFICATION LEVEL OR PERFORMANCE

- ACEA: E7-08 Issue 2, E9-08 Issue 2
- API: CI-4+, CJ-4/SM
- CATERPILLAR: ECF-2/ECF-3
- CUMMINS: CES 20081
- DETROIT DIESEL: 93K218
- DEUTZ: DQC-III-10 LA
- GLOBAL: DHD-1
- JASO: DH-2
- MACK: EO-O Premium Plus
- MAN: M3575
- MB: 228.31
- MTU: Type 2.1
- RENAULT: RLD-3
- VOLVO: VDS-4

### TYPICAL CHARACTERISTICS

| Test               | Unit               | Average result |
|--------------------|--------------------|----------------|
| Density at 15°C    | kg/l               | 0,874          |
| Viscosity at -20°C | mPas               | 6880           |
| Viscosity at 40°C  | mm <sup>2</sup> /s | 108,70         |
| Viscosity at 100°C | mm <sup>2</sup> /s | 14,50          |
| Viscosity Index    |                    | 137            |
| Flash Point COC    | °C                 | 232            |
| Pour Point         | °C                 | -36            |
| Total Base Number  | mgKOH/g            | 8,0            |

*We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.*