



## Product certificate

**ADRIFÖL Universal Performance 5W-30**

**0002-000111**

### Description

ADRIFÖL Universal Performance 5W-30 is based on out-standing base oils and additives and is a fully synthetic, fuel-saving "Low SAPS" lorry engine oil. This engine oil is especially suitable for diesel engines under extreme usage conditions and weather conditions. It is also suitable for use in EURO IV, EURO V and EURO VI engines in combination with low-sulphur diesel fuel, and for use in engines with or without particulate filters or catalytic exhaust converters. ADRIFÖL Universal Performance 5W-30 prevents high cold starting wear, as it guarantees the fastest possible supply to all lubrication points due to its cold viscosity at very low temperatures. It also features a high-temperature viscosity, which reduces friction losses and wear.

### Instructions for use

ADRIFÖL Universal Performance 5W-30 is a Low SAPS high-performance commercial vehicle engine oil for EURO IV, EURO V and EURO VI engines, suitable for year-round use.

ADRIFÖL Universal Performance 5W-30 is suitable for oil change intervals in accordance with manufacturer's instructions up to over 100,000 km.

### Quality classification

#### Specification

- ACEA E6/E7/E9
- JASO DH-2
- API CK-4/SN

**ADRIFÖL Universal Performance 5W-30 is tried and tested in practice in aggregates requiring adherence to manufacturer's fluid specifications:**

- Caterpillar ECF-3
- Cummins CES 20086
- DAF Extended Drain
- DDC 93K222
- Deutz DQC-IV-10 LA
- IVECO 18-1804 TLS E6
- Mack EOS-4.5
- MAN M 3677/M 3477/M 3277/M 3271-1
- MB 228.51/228.31/226.9
- MTU Type 3.1
- Renault VI RLD-3/RXD/RGD
- Scania LDF-4
- Volvo VDS-4.5

### Properties

- Reliable cold starting behaviour
- High wear protection
- Very good oxidation stability
- Low fuel consumption
- High-temperature stability
- High viscosity index
- Detergent properties
- (no formation of residues in the engine)
- Dispersion capability
- (Prevention of cold sludge and residue formation)
- Low sulphated ash, phosphorous and sulphur content
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### Technical specifications

| Properties                  | Data  | Unit  | Testing under   |
|-----------------------------|-------|-------|-----------------|
| kinematic viscosity at 40°C | 71,85 | MM²/S | DIN ISO 51562-2 |

|                              |             |         |                  |
|------------------------------|-------------|---------|------------------|
| kinematic viscosity at 100°C | 12,29       | MM²/S   | DIN ISO 51562-2  |
| viscosity index              | 170         |         | DIN ISO 2909     |
| appearance                   | YELLOWBROWN |         | visually         |
| density at 15°C              | 851         | KG/M³   | DIN EN ISO 12185 |
| Pour Point                   | -42         | CELSIUS | ASTM D 7346      |

All declared values are approximate and subject to standard production variations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems arise, please consult a technician.

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