

Product Data Sheet

Aminol™ EcoSpectra UHPD 10W-40 LA

Engine oil

Product description

Aminol™ EcoSpectra UHPD 10W-40 LA is a high-performance engine oil based on synthetic technology to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger and has been designed to meet Euro-IV and Euro-V emission requirements. Formulated with selected base oils and a complex additive system, it ensures excellent flow and lubrication characteristics.

Application

- Modern heavy-duty engines fitted with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) systems, Diesel Particulate Filters (DPF)
- On-highway heavy-duty trucks and buses
- Off-highway mining, construction and agricultural equipment

Features & Benefits

- Exceptional thermal and oxidation stability
- Outstanding detergent and dispersant properties
- Fuel-efficient operation
- Superb cold start performance
- Excellent viscosity-temperature behavior
- Compatible with sealants
- High-level wear protection

Typical Properties

| Property | Unit | Test method | Typical value |
|------------------------------|------|-------------|---------------|
| Kinematic Viscosity at 100°C | cst | ASTM D 445 | 14.2 |
| Kinematic Viscosity at 40°C | cst | ASTM D 445 | 97.45 |
| Viscosity Index | - | ASTM D 2270 | 150 |
| Flash Point, COC | °C | ASTM D 92 | 230 |
| Pour Point | °C | ASTM D 97 | -33 |



| | | | |
|-----------------------|----------|-------------|-------|
| TBN | mg KOH/g | ASTM D 2896 | 10.1 |
| Sulphated Ash Content | % | ASTM D 874 | 0.94 |
| Density at 15°C | g/ml | ASTM D 4052 | 0.842 |

Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

Performance claims

- API CI-4
- ACEA E6/E7/E8/E9/E11
- JASO DH-2
- MB 228.51
- MAN M3477/M3271-1
- Volvo VDS-3
- Renault trucks RLD 2/RXD/RGD
- MTU Type 3.1
- Mack EO-N
- Deutz DQC IV 18 LA/DQC TTCD
- DAF extended drain
- Cummins CES 20076/20077
- Caterpillar ECF 1a

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.aminol.az

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container



Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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