Product Data Sheet

**Aminol™ UHPD 10W-40 LA**

Engine oil

**Product description**

Aminol™ 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**

Aminol™ UHPD 10W-40 LA is recommended for highly rated diesel engines in commercial vehicles, trucks, buses and equipment in road construction and agricultural industry meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions. It is suitable for engines without particulate filters and for most EGR engines and most engines fitted with SCR NOx reduction system.

**Features & Benefits**

* Exceptional oxidation stability
* Impressive high-temperature stability
* Outstanding detergent and dispersant properties
* Fuel-efficient operation
* Superb cold start performance
* Rapid engine lubrication even in low temperatures
* Excellent viscosity-temperature behavior
* Compatible with sealants
* High-level wear protection

**Typical Properties**

| **Property** | **Unit** | **Test method** | **Typical value** |
| --- | --- | --- | --- |
| Kinematic Viscosity at 100℃ | cst | ASTM D 445 | 14.20 |
| Viscosity Index | - | ASTM D 2270 | 136 |
| Flash Point, COC | ℃ | ASTM D 92 | 230 |
| Pour Point | ℃ | ASTM D 97 | -30 |
| TBN | mg KOH/g | ASTM D 2896 | 7.90 |
| Sulphated Ash Content | % | ASTM D 874 | 0.75 |
| Density at 20℃ | g/ml | ASTM D 4052 | 0.862 |

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
* 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
* JASO DH-2
* Caterpillar ECF 1a
* Iveco 18 1804 TLS E6

**Healh, 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](http://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**

* 20 L Canister plastic
* 200 L Drum sheet metal

**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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