



## ARVO UHPD

### SYNTHETIC / SEMI SYNTHETIC

#### PRODUCT DESCRIPTION:

ARVO UHPD is a synthetic, high-performance engine oil specifically designed for all on-highway heavy-duty diesel applications and is also compatible with most gas engines. Featuring advanced "mid SAPS" technology compliant with Euro VI standards, it helps extend engine life while maintaining the efficiency of after-treatment systems such as Diesel Particulate Filters (DPFs).

#### APPLICATION:

Suitable for heavy-duty diesel engines, including modern Euro V/VI low-emission vehicles equipped with advanced technologies such as Diesel Particulate Filters (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC), and Exhaust Gas Recirculation (EGR). Designed for engines using low-sulfur diesel fuels and various biodiesel formulations, it is ideal for both naturally aspirated and turbocharged diesel-powered equipment. Recommended for on-highway short-haul and long-haul trucks and buses, as well as off-highway applications in mining, construction, and agriculture.

#### FEATURES & BENEFITS:

- Performs well in low emission diesel engines
- Excellent soot handling capabilities
- Exemplary thermal stability and oxidation control
- Provides anti-wear and anti-scuff capabilities
- Contains extended TBN reserves
- Excellent cold startup
- Has stay-in-grade sheer stability
- Extended drain capabilities

#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4
- Caterpillar ECF-3
- Volvo VDS-4
- Cummins CES 20081
- Mack EO-O PP
- ACEA E6/E9/E11
- Deutz DQC IV-10 LA
- Renault RLD3
- Scania Low Ash, LDF-4 (5W-30)
- JASO DH-2
- DTRF 15B1101/15C110/235.28
- MAN M3271/M3477/M3575
- MAN M3677/M3691 (5W-30)
- DDC 93K218
- MTU Type 2.1/3.1
- VOITH Class B

#### TYPICAL PROPERTIES:

| PARAMETERS                         | ASTM  | UNIT  | ARVO UHPD |       |        |        |
|------------------------------------|-------|-------|-----------|-------|--------|--------|
|                                    |       |       | 0W-40     | 5W-40 | 10W-30 | 10W-40 |
| Grade                              |       |       |           |       |        |        |
| Kinematic Viscosity @ 104°F /40°C  | D7042 | cSt   | TBR       | TBR   | TBR    | TBR    |
| Kinematic Viscosity @ 212°F /100°C | D7042 | cSt   | 15        | 15    | 11.7   | 15.4   |
| Viscosity Index (min)              | D2270 | -     | 170       | 160   | 145    | 145    |
| Density@15°C/ 60°F                 | D4052 | g/cm3 | TBR       | TBR   | TBR    | TBR    |
| Flash Point (min)                  | D92   | °C    | 220       | 220   | 220    | 220    |
| Pour Point (max)                   | D97   | °C    | -39       | -39   | -36    | -36    |

**DISCLAIMER:** The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

#### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: [www.alphaoil.ae](http://www.alphaoil.ae)

#### HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. [www.alphaoil.ae](http://www.alphaoil.ae)

#### PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

#### STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.