



ARVO HT+

PRODUCT DESCRIPTION:

ARVO HT+ is a versatile and comprehensive heavy-duty engine oil designed to meet the diverse needs of heavy-duty applications and operating environments in industries such as trucking, mining, construction, quarrying, and agriculture. This product offers exceptional protection for demanding diesel engines from manufacturers like Caterpillar, Cummins, Detroit, Mack, Mercedes Benz, Renault, MAN, Navistar, Volvo, and others. It is recommended for Euro V and VI Volvo engines and off-highway engines that meet EU Stage IV and EPA Tier IV standards, particularly those equipped with Diesel Particulate Filters (DPFs) and requiring CJ-4/E9-12/VD5-4/Cat ECF-3 lubricants.

ENGINE APPLICATION:

- ACEA E9
- API CJ-4/CI-4+/CI-4, SN/CF
- Daimler DTFR 15B110
- MAN M3575
- MTU Type 2.1
- Volvo VDS-4
- Mack EO-O Premium Plus
- Renault Trucks RLD3
- Cummins CES 20081
- Caterpillar ECF-2, ECF-3
- Deutz DQC III-10 LA
- DDC 93K218
- Global DHD1
- JASO DH-2

GEARBOX APPLICATION:

- API: GL-4
- ZF TE ML 07D
- Caterpillar TO-4M/TO-4
- Komatsu clutch (TO-40)
- Allison C-4

HYDRAULIC SYSTEM APPLICATION:

- ISO VG-68 HM
- JCMA HK 68
- KOMATSU HO-68
- Case MS 1230

FEATURES & BENEFITS:

- High thermal and oxidation stability
- Stay-in-grade shear stability
- Excellent low and high temperature properties
- Longer gasket and seal life
- High TBN reserves
- Reduced sludge build-up
- Component compatibility
- Longer drain intervals
- Start-up wear protection
- One oil for mixed fleet operations

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/CI-4+/CI-4
- ACEA E9
- DTFR 15B110
- MAN M3575
- Volvo VDS-4
- Deutz DQC III-10 LA
- JASO DH2
- MACK EO-O Premium Plus
- Cummins CES 20081
- Global DHD1
- Renault RLD3
- MTU Type 2.1

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARVO HT+
Grade			15W-40
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	15.5
Viscosity Index (min)	D2270	-	135
Density@15°C/ 60°F	D4052	g/cm ³	TBR
Flash Point (min)	D92	°C	220
Pour Point (max)	D97	°C	-33

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

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

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.