



ARVO FA-4

FULLY SYNTHETIC / SEMI SYNTHETIC

PRODUCT DESCRIPTION:

ARVO FA-4 is a state-of-the-art lubricant technology designed for fuel-efficient engines that require API FA-4 certification. It is specially formulated for on-highway applications, including select 2017 greenhouse gas-compliant diesel engines, to enhance fuel economy and reduce CO2 emissions. Additionally, it is compatible with EPA 2010-compliant low-emission diesel engines equipped with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF), and Exhaust Gas Recirculation (EGR) systems.

APPLICATION:

Recommended for heavy duty diesel engines with turbo-charger, direct injection and low emission designs.

FEATURES & BENEFITS:

- Exceptional Soot dispersancy and wear control.
- Optimum DPF (Diesel Particulate Filter) life.
- Exceptional cold start protection.
- Excellent shear stability.
- Improved oxidation stability.
- Best-in-class engine cleanliness.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	5W-30	10W-30
API	FA-4/SN	FA-4/SN
JASO	DH-2	DH-2
MB	228.61	228.61
Cummins	20087	20087
DDC	93K223	93K223

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARVO FA-4	
Grade			5W-30	10W-30
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	10.0	9.9
Viscosity Index (min)	D2270	-	160	145
Density@15°C/ 60°F	D4052	g/cm³	TBR	TBR
Flash Point (min)	D92	°C	220	220
Pour Point (max)	D97	°C	-39	-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

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.