



ARVO ULTIMATE

SYNTHETIC / SEMI SYNTHETIC / MINERAL

PRODUCT DESCRIPTION:

ARVO ULTIMATE is a premium heavy-duty engine oil engineered to extend engine life in the most demanding on- and off-highway applications. It delivers exceptional performance in modern high-output, low-emission engines equipped with EGR, DPF, DOC, and SCR-AdBlue NOx reduction systems. Its superior low-temperature fluidity and pumpability, combined with an advanced additive system, provide maximum engine wear protection and longevity. Designed for on-road vehicles meeting Euro VI standards and off-road vehicles compliant with EU Stage IIIA, IIIB, IV, and US Tier 4 emission regulations, ARVO ULTIMATE ensures optimal engine efficiency and durability.

APPLICATION:

ARVO ULTIMATE is developed for heavy-duty vehicles requiring ACEA E8/E11 and API CK-4 specifications. It exceeds the requirements of the heavy-duty fleet such as Scania, MAN, Mercedes Benz, Cummins, Volvo, IVECO, MTU, and Caterpillar.

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	0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
API	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN	CK-4/SN
ACEA 2022	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11	E8/E11
Caterpillar	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3	ECF-3
Volvo	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5	VDS-4.5
Cummins	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086	CES 20086
MB	-	-	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52	15C110/228.52
MAN	M3271-1/M3477/ M3677/M3775/ M3777	M3271-1/M3477/ M3575/M3775	M3271-1/M3477/ M3677/M3775/ M3777	M3271-1/M3477/ M3575/M3775	M3271-1/M3477/ M3677/M3775/ M3777	M3271-1/M3477/ M3575/M3775	M3271-1/M3477/ M3575/M3775	M3271-1/M3477/ M3575/M3775
Deutz	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA	DQC IV-18 LA
Renault	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4	RLD4
Scania	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4	Low Ash / LDF-4
Mack	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5	EOS 4.5
DDC	-	-	93K222	93K222	93K222	93K222	93K222	93K222
MTU	-	-	Type 3.1	-	-	Type 3.1	Type 3.1	Type 3.1
JASO	vDH2	DH2	DH2	DH2	DH2	DH2	DH2	DH2



TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARVO ULTIMATE							
			0W-30	0W-40	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
Grade			TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.8	14.9	11.8	15	11.7	15.1	15.1	19.6
Viscosity Index (min)	D2270	-	160	170	160	160	145	145	135	120
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-36	-36	-33	-24

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.