



ASTRA EC+ FULLY SYNTHETIC

PRODUCT DESCRIPTION:

ASTRA EC+ oils are fully synthetic MIDSAPS PCMO oils that meet API and ACEA specifications. They are engineered to offer protection against low-speed pre-ignition (LSPI), safeguard timing chains from wear, enhance high-temperature deposit protection for pistons and turbochargers, and provide superior control over sludge and varnish formation.

APPLICATION:

ASTRA EC+ oils are compatible with a broad range of engines, including light-duty vehicles equipped with after-treatment systems such as Diesel Particulate Filters (DPF), Gasoline Catalytic Converter (GCC) systems, or Three-Way Catalytic Converters (TWC). They are suitable for use in vehicles where API SP and ACEA C2, ACEA C3, or ACEA C5 specifications are required.

FEATURES & BENEFITS:

- Thin viscosity grades show excellent low temperature flow when cold starting.
- Viscosity stability at high temperatures, delivering reduced wear and tear on the engine components
- Deliver instant protection under hot or cold conditions.
- Provide protection against low-speed pre-ignition (LSPI)

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

Grade	0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
API	SP	SP	SP	SP	SP	SP
ACEA-23	C5	C2/C3	C3	C5	C2/C3	C3
MB	-	229.31	229.31	-	229.31	229.31

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ASTRA EC+					
			0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
Grade								
Kinematic Viscosity @100C	D445	cSt	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @40C	D445	cSt	43.6	66.5	84.5	48.3	68.1	84.5
Viscosity Index (min)	D2270	-	150	160	170	150	160	160
Pour Point	D97	°C	-39	-39	-39	-39	-39	-39
Density at 15°C	D4052	g/ml	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220	220

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.