



IGNITE EC PLUS FULLY SYNTHETIC

PRODUCT DESCRIPTION:

IGNITE EC PLUS oils are fully synthetic MiDSAPS PCMO lubricants that comply with API and ACEA specifications. They are formulated to offer superior protection against low-speed pre-ignition (LSPI) and timing chain wear, while also delivering enhanced high-temperature deposit protection for pistons and turbochargers. Additionally, these oils provide stringent control over sludge and varnish formation, ensuring optimal engine cleanliness and performance.

APPLICATION:

IGNITE EC PLUS oils are suitable for a wide range of engines including light duty vehicles fitted with after-treatment systems, Diesel Particle Filter (DPF), Gasoline Catalytic Converter systems (GCC) or Three-Way Catalytic Converter (TWC) where API SP and ACEA C2, ACEA C3 or C5 specification are prescribed.

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 - 21	C5	C2/C3	C3	C5	C2/C3	C3
MB	-	229.31	229.31	-	229.31	229.31

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	IGNITE EC PLUS					
			0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
Grade			0W-20	0W-30	0W-40	5W-20	5W-30	5W-40
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
TBN	D2896	mg KOH/g	8	8	8	8	8	8
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<6600 (-30°C)

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com