



ARCH EC

FULLY SYNTHETIC / SEMI SYNTHETIC

PRODUCT DESCRIPTION:

ARCH EC is a premium-quality engine lubricant designed for vehicles equipped with the latest Diesel Particulate Filters (DPFs) and Gasoline Catalytic Converters (CATs). Expertly engineered, it delivers superior cleaning power, exceptional wear protection, and outstanding overall performance, along with enhanced fuel economy benefits. ARCH EC offers improved oxidation resistance, superior deposit protection, and excellent low-temperature performance, ensuring reliable engine operation and longevity.

APPLICATION:

ARCH EC is 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 ACEA C2 or C3 specification is prescribed.

FEATURES & BENEFITS:

- LSPI protection with API SN Plus
- Excellent low temperature properties
- Outstanding thermal and oxidation stability
- Helps to improve fuel economy
- High quality detergents and dispersants keep engine clean.

PERFORMANCE MEET OR EXCEEDS:

- API SN Plus
- ACEA C2/C3 (5W-30), (10W-30)/ C3 (5W-40)
- MB 229.31(5W-40)

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH EC		
Grade			5W-30	5W-40	10W30
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	12.1	14.9	11.9
Viscosity Index (min)	D2270	-	160	160	145
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39
TBN	D2896	mg KOH/g	7.6	7.6	8
CCS	D5293	m.Pa.S	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°C)

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.