



ARCH 9000

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

ARCH 9000 is a fully synthetic motor oil formulated with advanced additive technology to actively maintain engine cleanliness while delivering superior protection. Engineered for turbocharged, multi-valve, and direct-injection engines, it performs exceptionally well under demanding conditions such as highway driving and heavy urban traffic, in all seasons. ARCH 9000 ensures optimal engine performance and durability, even in the most challenging environments.

APPLICATION:

Recommended for naturally aspirated and turbo-charged gasoline engines in passenger cars and light commercial vehicles, four-stroke gasoline engines and portable power equipment.

FEATURES & BENEFITS:

- Superior wear and corrosion protection.
- Protects against start-up wear in cold conditions through excellent low-temperature fluidity.
- Maintains power and economy by minimizing wear.
- Superior viscosity retention.
- Oxidation resistant.
- Engine Cleanliness and low combustion residue.

PERFORMANCE MEET OR EXCEEDS:

SAE GRADES	OW-30	OW-40	5W-20	5W-30	5W-40
API	SL/CF	SL/CF	SL/CF	SL/CF	SL/CF
ACEA	A3/B3	A3/B3	A5/B5	A3/B3	A3/B3
MB	-	229.3, 226.5	-	-	229.3, 226.5
RENAULT	RN0700	RN 0700/0710	-	RN0700	RN 0700/0710
VW	501.01 / 505	501.01 / 505	-	501.01 / 505	501.01 / 505

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH 9000				
			OW-30	OW-40	5W-20	5W-30	5W-40
SAE Grades							
Kinematic Viscosity @ 104°F /40°C	D445	cSt	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D445	cSt	10.2	14.9	8.8	10.1	15
Viscosity Index (min)	D2270	-	160	170	150	160	160
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39	-39	-39
TBN	D2896	mg KOH/g	8	8	8	8	8
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<6600 (-30°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.