


ARCH 9000
MINERAL
PRODUCT DESCRIPTION:

ARCH 9000 is a premium-quality mineral oil designed for both gasoline and diesel engines, offering reliable performance under all operating conditions, including city traffic, highways, and motorways. Particularly well-suited for turbocharged engines, it is also compatible with vehicles equipped with catalytic converters and those running on unleaded fuel, ensuring versatile and dependable engine protection.

APPLICATION:

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

FEATURES & BENEFITS:

- High viscosity index
- Excellent viscosity stability
- Excellent detergency and dispersancy
- Very high antiwear and anticorrosion properties
- Very good antioxidant, antirust, antifoaming properties

API LICENSE:

- SAE 20W50


PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	15W-40	20W-50	20W-60	25W-60
API	SL/CF	SL/CF	SL/CF	SL/CF
ACEA	A3/B3	A3/B3	A3/B3	A3/B3
RENAULT	RN0700/ RN0710	RN 0700/0710	-	-
VW	501.01 / 505	501.01 / 505	501.01 / 505	-

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH 9000			
			15W-40	20W-50	20W-60	25W-60
SAE Grades						
Kinematic Viscosity @ 104°F / 40°C	D445	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D445	cSt	15	20.2	24.2	24.0
Viscosity Index (min)	D2270	-	142	131	145	124
Density@15°C/ 60°F	D4052	g/cm³	TBR	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220	220
Pour Point (max)	D97	°C	-33	-24	-24	-21
TBN	D2896	mg KOH/g	8	8	8	8
CCS	D5293	m.Pa.S	<7000 (-35°C)	<9500 (-15°C)	<9500 (-15°C)	<13,000 (-10°C)

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internol 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.internol.net.

PROTECT THE ENVIRONMENT:

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