



## ARCH 9000

### SEMI SYNTHETIC

#### PRODUCT DESCRIPTION:

ARCH 9000 semi-synthetic motor oil is crafted with advanced additive technology to deliver superior cleansing and protection. This multigrade lubricant is designed to perform reliably under the most demanding conditions, including highway driving and heavy urban traffic, ensuring excellent engine performance and durability in all seasons.

#### APPLICATION:

ARCH 9000 is intended for use in modern highly accelerated gasoline and diesel engines of passenger cars, minibuses and light trucks which require API SL/CF performance level.

#### 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

#### OEM APPROVALS:

- MB-Approval 229.3 (SAE 10W-40)

#### API LICENSE:

- SAE 10W-30
- SAE 10W-40



#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	10W-30	10W-40	10W-60
API	SL/CF	SL/CF	SL/CF
ACEA	A3/B3	A3/B3	A3/B3
MB	-	229.3	-
RENAULT	RN0700/ RN0710	RN 0700/0710	-
VW	501.01 / 505	501.01 / 505	501.01 / 505

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH 9000		
			10W-30	10W-40	10W-60
SAE Grades					
Kinematic Viscosity @ 104°F / 40°C	D445	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D445	cSt	11.8	15	24
Viscosity Index (min)	D2270	-	145	145	145
Density@15°C/ 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220
Pour Point (max)	D97	°C	-36	-36	-36
TBN	D2896	mg KOH/g	8	8	8
CCS	D5293	m.Pa.S	<7000 (-25°C)	<7000 (-25°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](http://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.