



**ARCH**

SEMI SYNTHETIC

**PRODUCT DESCRIPTION:**

ARCH is an advanced semi-synthetic engine oil formulated to provide exceptional engine protection and improved fuel economy. It delivers enhanced oxidation resistance, superior deposit control, robust wear protection, and outstanding low-temperature performance, ensuring reliable operation and longevity throughout the oil's service life.

**APPLICATION:**

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

**FEATURES & BENEFITS:**

- Enables fast and easy start in extreme temperature conditions
- Particularly recommended for urban driving
- Oil film able to withstand high operating temperatures
- Protects engines against deposits
- Standard drain interval

**MEETS OR EXCEEDS:**

- API SM/CF
- ACEA A3/B3
- VW 501.01 / 505.00
- RN 700, RN 710
- MB 229.3

**TYPICAL PROPERTIES:**

PARAMETERS	TEST METHOD	UNIT	ARCH	
			10W-30	10W-40
Grade				
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D7042	cSt	10.4	15.1
Viscosity Index (min)	ASTM D2270	-	145	145
Density@15°C/ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR	TBR
Flash Point (min)	ASTM D92	°C	220	220
Pour Point (max)	ASTM D97	°C	-36	-36
TBN	ASTM D2896	mg KOH/g	8	8
CCS	ASTM D5293	m.Pa.S	<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.