



## ARCH GT1

FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

ARCH GT1 is a premium fully synthetic engine oil designed to deliver exceptional performance for high-powered engines. It offers excellent oil film strength, superior engine cleanliness, robust wear protection, and long-lasting durability. Specially formulated for the latest generation of gasoline and diesel engines—naturally aspirated or turbocharged, and direct or indirect injection—it meets the ACEA C3 specification. ARCH GT1 is fully compliant with EURO VI emission standards, ensuring optimal engine performance and environmental compatibility.

### APPLICATION:

It is recommended for high-performance engines fitted with GPF (gasoline particulate filter) and SCR (Selective Catalyst Reduction), requiring an ACEA C3 engine oil. It is not backward compatible with vehicle engines requiring an A40, C30 or C20 specifications lubricant.

### FEATURES & BENEFITS:

- Active detergent system helps to prevent build-up of deposits and sludge.
- Excellent thermal oxidation stability helps to reduce oil aging.
- Provides outstanding wear protection.
- Excellent cold flow properties helps to provide protection at start up.
- Enhanced frictional properties provide fuel economy improvement.

### PERFORMANCE MEET OR EXCEEDS:

SAE GRADES	0W-40	5W-40
API	SN	SN
ACEA-22	C3	C3
MB	229.31, 229.52, 226.5	229.31, 229.52, 226.5
BMW	LL-04	LL-04
RENAULT	RN 0700/0710	RN 0700/0710
GM	DEXOS 2	DEXOS 2
PORSCHE	C40	C40
VW	511 00	511 00
FIAT	9.55535-S2/9.55535-T2	9.55535-S2/9.55535-T2

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH GT1	
			0W-40	5W-40
SAE Grades			0W-40	5W-40
Kinematic Viscosity @ 104°F /40°C	D445	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D445	cSt	14.1	13.9
Viscosity Index (min)	D2270	-	170	160
Density@15°C/ 60°F	D4052	g/cm <sup>3</sup>	TBR	TBR
Flash Point (min)	D92	°C	220	220
Pour Point (max)	D97	°C	-39	-39
TBN	D2896	mg KOH/g	8	8
CCS	D5293	m.Pa.S	<6200 (-35°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. 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](http://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.