


**ARCH GTR**  
**FULLY SYNTHETIC**
**PRODUCT DESCRIPTION:**

ARCH GTR is a fully synthetic, next-generation engine oil specifically formulated to meet stringent OEM specifications, including those of Volkswagen and Audi. It is designed for use in gasoline and diesel engines of passenger cars and light vans equipped with Diesel Particulate Filters (DPF) and Three-Way Catalytic Converters (TWC). ARCH GTR delivers exceptional engine protection, compatibility with modern emission systems, and reliable performance for advanced vehicle technologies.

**APPLICATION:**

Specifically designed for VAG Group recent cars (VOLKSWAGEN, AUDI, SKODA, and SEAT) fitted with Euro 4, Euro 5 and Euro 6 engines that require lubricants with low Sulfated Ash, low Sulphur and low Phosphorus rates (SAPS level). ARCH GTR is fully backward compatible over previous VW oil standards such as VW 501 01, 502 00, 503 00 and 503 01 for Gasoline engines, and VW 505 00, 505 01, 506 00 and 506 01 for Diesel engines.

**FEATURES & BENEFITS:**

- Excellent engine cleanliness
- Excellent cold flow properties
- Engine protection under a wide variety of operating conditions
- Optimum power & performance under most severe driving conditions
- Fully compatible with all emission control devices.
- Helps protect engine against wear and corrosion
- Allows fuel consumption reduction and therefore minimizes green house gases emissions.

**OEM Approvals:**

- MB-Approval 229.51 (SAE 5W-30)

**API LICENSE:**

- SAE 5W-30


**PERFORMANCE LEVELS / MEETS OR EXCEEDS:**

SAE GRADES	0W-30	5W-30
API	SN	SN
ACEA 2022	C3	C3
MB	229.31/229.51	229.31/229.51
VW	504 00 / 507 00	504 00 / 507 00
VW TL	52545	52195
BMW	LL-04	LL-04
PORSCHE	C30	C30

**TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	ARCH GTR	
Grade			0W-30	5W-30
Kinematic Viscosity @ 104°F / 40°C	D7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F / 100°C	D7042	cSt	11.8	11.7
Viscosity Index (min)	D2270	-	160	160
Density@15°C/ 60°F	D4052	g/cm³	TBR	TBR
Flash Point (min)	D92	°C	220	220
Pour Point (max)	D97	°C	-39	-39
TBN	D2896	mg KOH/g	8.5	8.5
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.