



## ARCH C5

FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

ARCH C5 is a fully synthetic MID SAPS engine oil designed for cutting-edge engine technologies. It provides exceptional wear protection, robust durability, and outstanding fuel economy performance for modern diesel and gasoline engines equipped with Diesel Particulate Filters (DPF), Gasoline Particulate Filters (GPF), and Catalytic Converters. ARCH C5 meets Euro VI emission standards, ensuring superior performance and compatibility with advanced emission control systems.

### APPLICATION:

ARCH C5 is recommended for new diesel and gasoline engines requiring an SAE 0W20 VW 508 00 / 509 00, VW TL 52577 or Porsche C20 specifications. VW 508 00 509 00 specification is a unique specification and therefore is not backward compatible with older engines.

### FEATURES & BENEFITS:

- Strong LSPI performance
- Excellent low temperature flow
- Exceptional viscosity stability at high temperatures
- Outstanding oil film resistance and reduction in friction
- Optimised for strong oxidation performance
- Fuel economy benefits
- Protects against wear even at low viscosity
- Extended oil drain interval
- Enhanced acid neutralisation and TBN retention capability

### PERFORMANCE MEET OR EXCEEDS:

- API SN Plus
- ACEA C5
- VW 508 00 / 509 00
- VW TL52577
- Porsche C20

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH C5
<b>Grade</b>			<b>0W-20</b>
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	8.8
Viscosity Index (min)	D2270	-	150
Density@15°C/ 60°F	D4052	g/cm <sup>3</sup>	TBR
Flash Point (min)	D92	°C	220
Pour Point (max)	D97	°C	-39
TBN	D2896	mg KOH/g	8.2
CCS	D5293	m.Pa.S	<6200 (-35°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.