



ARCH FE

FULLY SYNTHETIC

PRODUCT DESCRIPTION:

ARCH FE is a premium, fully synthetic, fuel-efficient engine oil designed to deliver extended engine life and superior protection for various vehicle types and ages. Engineered for optimal performance, it ensures enhanced protection across a wide temperature range, making it suitable for diverse driving conditions.

APPLICATION:

ARCH FE 5W-20 is a Fuel Economy Engine Oil specially designed for OEMs requiring very low HTHS (High Temperature High Shear) viscosity oil (≥ 2.6 mPa.s) : FORD, JAGUAR, LAND ROVER, CHRYSLER, JEEP, ... It is suitable for gasoline and diesel engines requiring a 5W-20 viscosity grade Fuel Economy lubricant (ACEA A5 / B5 and ACEA A1 / B1 standards). Compatible with catalytic converters. ARCH FE 0W-30 is universal, fuel-efficient engine oil. A premium product for gasoline and diesel engine passenger cars. Suitable for all petrol and diesel passenger cars with and without turbo charger, especially recommended for full synthetic all-season motor oils. ARCH FE 5W-30 can be used in a variety of gasoline and diesel automobiles, light trucks and vans designed for use of a low viscosity (HTHS >2.9) motor oil where the viscosity and quality claims are appropriate.

FEATURES & BENEFITS:

- Improved fuel economy
- Superior oil film strength under all engine operating conditions.
- Enhanced engine cleanliness and sludge prevention
- Enhanced cold start-up performance
- Enhanced wear protection
- Superior protection for exhaust catalyst and diesel particulate filter.

PERFORMANCE MEET OR EXCEEDS:

SAE GRADES	5W-20	0W-30	5W-30
API	SN/CF	SL/CF	SL/CF
ACEA	A5/B5-22	A5/B5-22	A5/B5-22
FORD	WSS-M2C925-B	-	WSS-M2C913-D
JAGUAR LAND ROVER	STJLR.03.5004	-	STJLR.03.5003
MB	-	229.6	229.6
RENAULT	-	RN0700	RN0700
VOLVO	-	VCC 95200377	-

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH FE		
			0W-30	5W-20	5W-30
Grade					
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	10.2	8.0	10.2
Viscosity Index (min)	D2270	-	160	150	160
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220
Pour Point (max)	D97	°C	-39	-39	-39
TBN	D2896	mg KOH/g	10	10	10
CCS	D5293	m.Pa.S		<6600 (-30°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. 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.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.