



## ARCH RX

**FULLY SYNTHETIC / SEMI SYNTHETIC / MINERAL**
**PRODUCT DESCRIPTION:**

ARCH RX is a premium lubricant enhanced with a proven metallo-organic anti-wear additive system, delivering exceptional protection for engines under all operating conditions. It provides outstanding wear control, even in advanced valve train mechanisms, including those with variable valve timing. Expertly engineered, ARCH RX ensures superior cleaning power, robust wear protection, and exceptional performance. Its resistance to degradation allows for extended intervals between oil changes, offering both convenience and efficiency.

**APPLICATION:**

Recommended for gasoline fueled automobiles and light duty trucks requiring an oil meeting API SN/CF specification.

**FEATURES & BENEFITS:**

- Outstanding wear protection under a wide variety of operating conditions.
- Special cleaning additive to help prevent the formation of sludge and harmful deposits.
- Optimal engine operating temperature, owing to thermal control formula.
- Limits formation of deposits on the most loaded engine parts.
- Provides safe operation of catalytic exhaust converters.
- Resistant to extreme thermal load, due to high quality of base oil.
- Enables fast and easy start in extreme temperature conditions.
- High performance extended drain formulation helps offer optimum engine uptime.

**PERFORMANCE MEET OR EXCEEDS:**

SAE GRADES	OW-20	5W-20	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
API	SN/CF	SN/CF	SN/CF	SN/CF	SN/CF	SN/CF	SN/CF	SN/CF
ILSAC	GF-5	GF-5	-	-	-	-	-	-
ACEA	-	-	A3/B4-12	A3/B4-12	A3/B4-12	A3/B4-12	A3/B4-12	A3/B4-12
MB	-	-	229.3	229.3	229.3	229.3	229.3	229.3
VW			502 00/ 505 00	502 00/ 505 00				
RENAULT			700/710	700/710	700/710	700/710	700/710	700/710

**TYPICAL PROPERTIES:**

PARAMETERS	TEST METHOD	UNIT	ARCHR X							
			OW-20	5W-20	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
Grade										
KV@104°F /40°C	ASTM D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
KV@212°F /100°C	ASTM D7042	cSt	8.4	8.5	11.8	15	11.8	15.1	15.4	20.1
Viscosity Index (min)	ASTM D2270	-	150	150	160	160	145	145	135	120
Density@15°C/ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	220	220	220	220	220	220	220	220
Pour Point (max)	ASTM D97	°C	-39	-39	-39	-39	-36	-36	-33	-24
TBN	ASTM D2896	mg KOH/g	8	8	8	8	8	8	8	8
CCS	ASTM D5293	m.Pa.S	<6200 (-35°C)	<6600 (-30°C)	6600 (-30°C)	6600 (-30°C)	<7000 (-25°C)	<7000 (-25°C)	<7000 (-20°C)	<9500 (-15°C)

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable 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.