



ARCH XP

PRODUCT DESCRIPTION:

ARCH XP oils are crafted with high-performance base stocks and enhanced by a proprietary advanced additive system to deliver exceptional, long-lasting engine protection. These oils are engineered to resist oil breakdown, maximizing wear protection and preventing harmful sludge formation during extended oil change intervals. Specifically designed to safeguard against LSPI (low-speed pre-ignition) in TGDl engines, ARCH XP oils also help mitigate turbo coking and deposit buildup, which can lead to elevated turbocharger temperatures or bearing failures, ensuring reliable performance in modern engine technologies.

APPLICATION:

Recommended for North American, European & Japanese high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks where API SP, SN Plus, ILSAC GF-6 and / or API SN, API SM, API SL quality oils are specified. Passenger cars and light-duty vehicles running on gasoline and ethanol-containing fuels up to E85. Suitable for modern turbo-charged direct injection gasoline engines where LSPI protection is required. ILSAC GF-6B is not backwards compatible with older engines.

FEATURES & BENEFITS:

- Excellent engine cleanliness
- Engine protection under a wide variety of operating conditions
- Optimum power & performance under most severe driving conditions
- Fully compatible with all emission control devices and all gasoline grades
- Helps reduce engine wear and corrosion

PERFORMANCE MEET OR EXCEEDS:

SAE GRADES	OW-16	OW-20	OW-30	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
API	SN PLUS (RC)/ SP (RC)	SN PLUS (RC)/ SP (RC)	SN PLUS (RC)/ SP (RC)	SN PLUS (RC)/ SP (RC)	SN PLUS (RC)/ SP (RC)	SN PLUS (RC)/ SP (RC)	SN PLUS/ SP	SN PLUS/ SP	SN PLUS/ SP	SN PLUS/ SP
ILSAC	GF-6B	GF-5	GF-5	GF-5	GF-5	GF-5	-	-	-	-
GM	-	DEXOS1	DEXOS1	DEXOS1	DEXOS1	-	-	-	-	-
CHRYSLER	-	MS6094M	-	MS6094M	MS6094M	MS6094M	-	-	-	-
FORD	-	947A	-	945A	946A	-	-	-	-	-

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	ARCH XP										
			OW-16	OW-20	OW-30	5W-20	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50	
KV@104°F /40°C	D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
KV@212°F /100°C	D7042	cSt	7.2	8.3	11.5	8.3	10.3	14.8	10.3	14.8	14.9	19.5	
Viscosity Index (min)	D2270	-	150	150	160	150	160	160	145	145	135	120	
Density@15°C	D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	
Flash Point (min)	D92	°C	220	220	220	220	220	220	220	220	220	220	
Pour Point (max)	D97	°C	-39	-39	-39	-39	-39	-39	-36	-36	-33	-24	
TBN	D2896	mg KOH/g	8	8	8	8	8	8	8	8	8	8	
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°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 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.