



IGNITE SYNTECH

PRODUCT DESCRIPTION:

IGNITE SYNTECH engine oils are cutting-edge passenger car motor oils, specifically designed for modern high-output turbocharged gasoline engines in cars, SUVs, vans, and light-duty trucks. Engineered for superior engine protection, these premium oils feature ultra-pure base oils and an advanced additive system that enhances oxidation resistance, prevents deposits, reduces wear, ensures excellent low-temperature performance, and improves fuel efficiency.

APPLICATION:

Recommended to be used in 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-6A 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:

- 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
- Extra cleaning performance

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-16	0W-20	0W-30	0W-40	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
API	SP (RC)/ SN PLUS (RC)	SP (RC)/ SN PLUS (RC)	SP	SP	SP (RC)/ SN PLUS (RC)	SP (RC)/ SN PLUS (RC)	SP (RC)/ SN PLUS (RC)	SP	SP	SP	SP
ILSAC	GF-6B	GF-6A	-	-	GF-6A	GF-6A	GF-6A	-	-	-	-
GM	-	DEXOS1 GEN2	-	-	DEXOS1 GEN2	DEXOS1 GEN2	-	-	-	-	-
CHRYSLER	-	MS6395	-	-	MS6395	MS6395	MS6395	-	-	-	-
FORD	-	WSS-M2C-947A	-	-	WSS-M2C-945A	WSS-M2C-946A	-	-	-	-	-

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	IGNITE SYNTECH											
			0W-16	0W-20	0W-30	0W-40	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	TBR
KV@212°F /100°C	D7042	cSt	7.1	8.3	11.8	14.9	8.3	10.3	14.8	10.3	15	14.9	19.5	
Viscosity Index (min)	D2270	-	150	150	160	170	150	160	160	145	145	135	120	
Density@15°C	D4052	g/cm ³	TBR	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	220	
Pour Point (max)	D97	°C	-39	-39	-39	-39	-39	-39	-39	-36	-36	-33	-24	
TBN	D2896	mg KOH/g	7	7	7	7	7	7	7	7	7	7	7	
CCS	D5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°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 provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com

