



# PHOENIX

## Petrol Engine Oil



### Technical Data Sheet



## IGNITE SYNTECH SYNTHETIC / SEMI SYNTHETIC

### PRODUCT DESCRIPTION:

IGNITE SYNTECH engine oils are designed for use in passenger cars and light truck applications. These oils are engineered to provide the highest levels of engine protection available. These premium engine oils contain ultra pure base oils and a technologically advanced additive system which provides improved oxidation resistance, improved deposit protection, better wear protection, excellent low temperature performance and enhanced fuel economy.

### APPLICATION:

Recommended for gasoline fueled automobiles and light duty trucks requiring an API Service Category API SP / RC.

### 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 and Exceeds:

- API SP / RC (0W-16, 0W-20, 5W-20, 10W-30)
- ILSAC GF-6A (0W-20, 5W-30, 10W-30), ILSAC GF 6B(0W-16)
- GM DEXOS1 GEN 2 (SAE 0W-20, 5W-20, 5W-30)
- Ford WSS-M2C947-A, M2C930A, M2C153 (SAE 5W-20)
- Ford WSS-M2C947B1/962A-A(0W-20), M2C945B1/960A (5W-20) 946 B1/961A(5W-30)
- Chrysler MS6395(0W/5W/-20, 5W/10W-30)

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	IGNITE SYNTECH								
			0W-16	0W-20	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
Grade			0W-16	0W-20	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
KV @ 104°F / 40°C	D-7042	cSt	35.5	43.5	44.3	57.65	63.5	89.1	101.1	107.2	175.6
KV @ 212°F / 100°C	D-7042	cSt	7.1	8.3	8.3	10.3	10.3	14.8	15	14.9	19.5
Viscosity Index	D-2270	-	172	170	166	170	151	175	156	145	128
SP. Gravity @15°C	D-4052	g/cm <sup>3</sup>	0.835	0.840	0.846	0.845	0.875	0.844	0.769	0.885	0.890
Flash Point (min)	D-92	°C	208	222	226	226	228	224	230	230	236
Pour Point (max)	D-97	°C	-48	-42	-42	-42	-39	-42	-36	-33	-24
TBN	D-2896	Mg KOH/g	8	8	8	8	8	8	8	8	8
CCS, (°C)	D-5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°C)	<6600 (-30°C)	<7000 (-25°C)	<7000 (-20°C)	<9500 (-15°C)

### 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