



IGNITE POWER MAX SEMI SYNTHETIC / SYNTHETIC

PRODUCT DESCRIPTION:

IGNITE POWER MAX oils are formulated with high performance base stocks and fortified with proprietary balanced additive system, designed to provide our longest lasting engine protection. These oils control oil breakdown to maximize wear protection and prevent harmful sludge during extended oil change intervals. Velocity Nano XP oils are designed to provide protection against LSPI (low speed pre-ignition) in TGD engines and helps limit turbo coking and deposits that can lead to turbo charger temperature increase or bearing failure.

APPLICATION:

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 turbocharged 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 LEVELS: Meets or Exceeds:

- API SN Plus/RC (0W-16)
- API SN Plus/RC, ILSAC GF-5 (0W20, 5W20, 5W30, 10W30)
- API SN Plus (0W-16, 5W-40, 10W40, 15W-40, 20W50)
- DEXOS 1 GEN 2 (0W20, 5W20, 5W30)

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	IGNITE POWER MAX (Typical Specification)									
			0W-30	0W-40	0W-20	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
KV@ 104°F /40°C	D-7042	cSt	66.69	87.5	43.5	44.3	57.65	63.5	89.1	100.5	107.2	175.6
KV @ 212°F /100°C	D-7042	cSt	11.84	14.9	8.3	8.3	10.3	10.3	14.8	14.8	14.9	19.5
Viscosity Index	D-2270	-	176	180	170	166	170	151	175	154	145	128
SP. Gravity @15°C	D-4052	g/cm ³	0.846	0.845	0.840	0.846	0.845	0.875	0.844	0.870	0.885	0.89
Flash Point (min)	D-92	°C	230	230	222	226	226	228	224	228	230	236
Pour Point (max)	D-97	°C	-42	-42	-42	-42	-42	-39	-42	-36	-33	-24
TBN	D-2896	Mg KOH/g	8	8	8	8	8	8	8	8	8	8
CCS, (°C)	D-5293	m.Pa.S	<6200 (-35)	<6200 (-35)	<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