

DESCRIPTION

Petrogulf SPARK X Zenith is an advanced synthetic multi-grade engine oil specifically designed to eliminate Low-Speed Pre-Ignition (LSPI) from occurring, thus ensuring that engine is running like new through exceptional wear protection, cleaning power and overall performance. It is formulated from fully-synthetic base oils and advanced additive package. It exceeds requirements of industry's highest standards and outperforms conventional oils. Recommended for high performance petrol / CNG cars, vans, SUVs and light trucks of all leading global OEMs including American, European, Korean, Japanese, Chinese and Indian origin.

KEY FEATURES & BENEFITS

- Exceptionally formulated to avoid LSPI occurring in small turbo charged direct injection (TGDI) petrol engines
- Maximizes engine life through outstanding wear and deposit control under the most severe high and low temperature operating condition.
- Reduces maintenance costs by maximizing the drain intervals, resisting oil degradation and protection against resultant engine damage under most severe high-temperature conditions.
- Protects against start up wear through exceptional low temperature fluidity.
- Minimizes oil consumption under all operating conditions through superior viscosity retention and the use of all-synthetic, very low volatility base oils.
- Recommended for low and high-power density and high-performance petrol / Gasohol / CNG cars, vans, SUVs, light trucks of American, Korean, Japanese, Chinese and European OEMs
- Improves Piston Cleanliness

PERFORMANCE LEVELS

- API SP (Approved for 5W-20, 5W-30, 5W-40)
- SP-RC and all previous categories
- ILSAC GF-6A (5W-20, 5W-30)

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES			
	5W-20	5W-30	5W-40	5W-50
SAE Grade	5W-20	5W-30	5W-40	5W-50
Kinematic Viscosity @40°C, mm ² /s	43.4	65.5	87.2	120.2
Kinematic Viscosity @100°C, mm ² /s	8.50	11.5	14.5	18.5
Viscosity Index	177	172	173	173
Density @ 15°C Kg/L	0.848	0.851	0.858	0.860
Pour Point, °C	-42	-42	-42	-42
Flash Point (COC), °C	228	232	230	234
CCS Viscosity ,CP	5100	5300	5400	5500
CCS temp °C	-30	-30	-30	-30
Sulphated Ash %w/w	0.82	0.82	0.82	0.82
TBN, mg KOH/g	8.0	8.0	8.0	8.0

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

SAE GRADE	5W-20	5W-30	5W-40	5W-50
PRODUCT CODE	30103080022	30103080023	30103080024	30103080025

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.