

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES			
	0W-16	0W-20	0W-30	0W-40
SAE Grade	0W-16	0W-20	0W-30	0W-40
Kinematic Viscosity @40°C, mm ² /s	35.50	42.40	64.40	86.40
Kinematic Viscosity @100°C, mm ² /s	7.30	8.31	11.5	14.5
Viscosity Index	177	176	175	175
Density @ 15°C Kg/L	0.840	0.846	0.848	0.856
Pour Point °C	-48	-45	-45	-45
Flash Point (COC), °C	220	224	226	232
CCS Viscosity ,CP	4700	4500	5100	5200
CCS temp °C	-35	-35	-35	-35
TBN, mg KOH/g	8.0	8.0	8.0	8.0
Sulphated Ash % w/w	0.82	0.82	0.82	0.82

**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	0W-16	0W-20	0W-30	0W-40
PRODUCT CODE	30149080032	30149080007	30149080008	30149080009

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.

DESCRIPTION

PETROGULF SPARK X Zenith Plus is an advanced fully-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 (TGDl) 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 0W-16, 0W-20, 0W-30)
- SP-RC and all previous categories
- ILSAC GF-6A (0W-20, 0W-30)
- ILSAC GF-6B (0W-16 only)

Meets Requirements	SAE 0W-16	SAE 0W-20	SAE 0W-30	SAE 0W-40
API SP	X	X		
API SN+/6A		X		
API SN		X		
ILSAC GF 6A		X		
Chrysler MS6395		X		
FORD WSS M2C 960 A1				
FORD WSS M2C 945 A/B1				
FORD WSS M2C 961 A1				
FORD WSS M2C 946 A/B1				
FORD WSS M2C 962 A1		X		
FORD WSS M2C 947 A/B1		X		
GM DEXOS 1 GEN 3		X		
FORD WSS M2C 947 A/B1		X		
GM DEXOS 1 GEN 3		X		
ILSAC 6B	X			