

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES					
SAE Grade	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40
Kinematic Viscosity @40°C, mm ² /s	43.80	65.73	87.50	120.8	72.20	97.70
Kinematic Viscosity @100°C, mm ² /s	8.470	11.64	14.66	18.72	11.50	14.55
Viscosity Index	174	174	175	175	153	154
Density, @ 15°C Kg/L	0.848	0.853	0.858	0.863	0.854	0.863
Pour Point, °C	-42	-42	-42	-42	-39	-39
Flash Point (COC), °C	228	232	230	234	226	228
CCS Viscosity ,CP	5225	5300	5440	5560	5870	5760
CCS temp °C	-30	-30	-30	-30	-25	-25
TBN, mg KOH/g	8.0	8.0	8.0	8.0	8.0	8.0
Sulphated Ash % w/w	0.82	0.82	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	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40
PRODUCT CODE	30103090022	30103090023	30103090024	30103090025	30103090011	30103090012

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.



SYNTHETIC

API SQ

PRODUCT DATA SHEET

PETROL ENGINE OIL

DESCRIPTION

Petrogulf SPARK X Zenith Ultra 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 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 SQ (Approved for 5W-20, 5W-30, 10W-30)
- SQ-RC and all previous categories
- ILSAC- GF-7A for 5W-20, 5W-30 and 10W-30

Meets Requirements	SAE 5W-20	SAE 5W-30	SAE 5W-40	SAE 5W-50	SAE 10W-30	SAE 10W-40
API SQ	X	X	X		X	X
ILSAC 7A	X	X			X	
API SP	X	X	X		X	X
API SN+/6A	X	X	X		X	X
API SN	X	X	X		X	X
ILSAC GF 6A	X	X			X	X
Chrysler MS6395	X	X			X	X
FORD WSS M2C 960 A1	X					
FORD WSS M2C 945 A/B1	X					
FORD WSS M2C 961 A1		X				
FORD WSS M2C 946 A/B1		X				
FORD WSS M2C 962 A1						
FORD WSS M2C 947 A/B1						
GM DEXOS 1 GEN 3						
ILSAC 7B						