



## Gulf TEC Plus

### Semi-Synthetic Passenger Car Motor Oil

#### Product Description

**Gulf TEC Plus** is a high performance semi-synthetic passenger car motor oil designed to provide optimum performance in high-output, multi valve, turbocharged & supercharged gasoline and diesel engines of passenger cars, vans, SUVs and light trucks. Its specially chosen additive technology enables reliable performance across different operating conditions while meeting the requirements of leading passenger car manufacturers and global industry standards.

#### Features & Benefits

- Superior thermo-oxidative stability helps minimise deposits, sludge build-up, reduces oil thickening, to facilitate extended oil life and engine cleanliness.
- Excellent antiwear technology minimises engine wear and offers reduced maintenance cost.
- Improved detergency protects against engine deposits to ensure reliable performance.
- Superior dispersants provide excellent control over soot induced oil thickening.
- Advanced additive chemistry used in SAE 5W-40 grade increases the life and maintains the efficiency of the after treatment devices.
- Good low temperature fluidity assists in easy cold starts and low temperature wear protection.

#### Applications

- Modern high performance, multi valve, turbocharged & supercharged engines of passenger cars, vans, SUVs & light trucks operating under city stop-and-go, high-speed and/or high load conditions.
- SAE 5W-40 grade is specially developed to meet the requirements of VW 505 01 and is recommended for direct injection diesel engines equipped with pump injectors
- SAE 10W-40 grade is developed for high performance gasoline and diesel engines of passenger cars, vans, SUV's & light trucks where API SN quality and/or ACEA A3/B4 oils are specified.

**Note:** Not suitable for vehicles meeting emission standards beyond Euro 4. For such applications, please contact Gulf representative.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications	5W-40	10W-30	10W-40	15W-40	20W-40	15W-50	20W-50	
MB 229.1		X		X	X	X	X	
ACEA A3/B4, MB 229.3, VW 502 00/ 505 00, Renault RN0710 / 0700, PSA B71 - 2300			X					
ACEA A3/B3		X			X			
VW 505 01	X							
VW 505 00	X			X		X		
Has the following Approvals								
API SN			X					
API SL		X		X	X	X	X	
API SJ	X							
Typical Properties								
Test Parameters	ASTM Method	Typical Values						
Viscosity @ 100 °C, cSt	D 445	14.50	12.0	15.0	13.9	13.7	19.0	17.5
Viscosity Index	D 2270	162	142	153	138	110	151	122
Flash Point, °C	D 92	224	218	232	220	240	220	224
Pour Point, °C	D 97	-42	-39	-33	-27	-24	-27	-24
TBN, mg KOH/g	D 2896	9.70	8.2	10.4	8.0	8.2	8.0	8.0
Density @ 15°C, Kg/l	D 1298	0.861	0.875	0.873	0.882	0.889	0.881	0.886
Sulphated Ash, %wt	D 874	1.20	-	1.31	0.95	-	0.95	0.95

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

**Gulf Oil International**

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