



# ABF Motor Oils

We redefined lubrication through ABF technology

[www.steelshieldtech.com.hk](http://www.steelshieldtech.com.hk)

**ABF-F1 M13 Phantom GT**

**SYNTHETIC OILS BUILT FOR RACING**

**Produce of Singapore**



**M13**

2022JAN21

ABF-F1 M13 Phantom GT is a high-performance, full synthetic MULTIGRADE oil for use in Super Cars, Racing/ Modified high powered engines. Specially formulated with the unique Steel Shield ABF Technology provide unsurpassed performance in POWER, SMOOTHNESS & RESPONSIVENESS. It provides extra protection to the engine under the most severe conditions. The synthetic base oil provides excellent film strength under high operating temperatures commonly found in racing conditions to effectively withstand oxidation of the oil. ABF-F1 M13 Phantom is also a Racing Oil that exceeds the toughest standards called for by Japanese, European and American Super-Car builders.

ABF-F1 M13 is recommended for all high performance, high revving, turbo charged and supercharged multi-valve fuel injected engines found in racing engines and Super cars.

API SN/SM/CF, ACEA C3-10, A3/B4-04, A3/B3-08, MB-229.31/229.51, BMW LF-04, Renault RN0700/0710, Dexos 2, Porsche A40, Ford WSS-M2C917-A, VW 502.00/505.00/505.01

Increased fuel economy

A low coefficient of friction

Significantly less bearing, ring, piston, cylinder and valve-train wear.

Increased engine durability, Increased engine life

Less down-time, Reduced maintenance costs

Increased output power by 10+% subject to the current status of the engine.

## TYPICAL CHARACTERISTICS

SAE Grade			5W40
Color		ASTM D1500	L1.5
Viscosity @ 40 °C	cSt	ASTM D445	89.89 typical
Viscosity @ 100 °C	cSt	ASTM D445	14.58 typical
Viscosity Index		ASTM D2270	169 typical
Pour Point	°C	ASTM D97	-39 typical
Flash Point COC	°C	ASTM D92	≥232 typical
TBN	mgKOH/g	ASTM D2896	6.72 typical
Density @ 30°C	kg/l	ASTM D4052	0.8540 typical
SG@60/60°F	kg/l	ASTM D1298	0.8639 typical
CCS@-30°C	cPs	ASTM D5293	6240 typical

Remarks : Due to continual research and development, the information contained herein is subject to change without notice. Always follow manufacturers' recommendations for lubricant performance, viscosity grade and oil change interval as these may vary depending on ambient temperature, fuel composition, model, year and environment of operation.

STEEL SHIELD TECHNOLOGIES

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