

# VOYAGER GOLD

## 5W/30, 5W/40

### DESCRIPTION

VOYAGER GOLD is a top-tier, environment friendly, synthetic engine oil designed to provide maximum engine protection for all passenger cars, racing cars, vans, light trucks and 4WD recreational vehicles with exhaust treatment. VOYAGER GOLD is suitable for high performance engines, especially those fitted with turbo chargers and superchargers, operating under the most severe conditions. VOYAGER GOLD is formulated with fully synthetic high quality base oil in combination with innovative additive technology to provide outstanding characteristics and properties.

### APPLICATIONS

VOYAGER GOLD is a top-tier motor oil designed to lubricate both gasoline and diesel fueled passenger cars, racing cars, vans, light trucks and 4WD recreational vehicles with exhaust treatment.

### BENEFITS

Longer oil life and lower oil consumption with outstanding protection against wear, rust, corrosion, soot handling and exceptional engine cleanliness.

- Exceptional thermal stability and oxidation resistance.
- Outstanding low temperature fluidity, excellent shear stability and stable viscosity during operation.
- Strong oil film stops metal to metal contact.
- Superior protection of exhaust emission control system.
- Multi-viscosity characteristic ensure rapid oil circulation on start-up the engine.

### PERFORMANCE LEVEL

API ..... SN/CF  
 ACEA ..... A5/B5/04,C3/08  
 MB.....229.51  
 VW ..... 502 00, 505 00 ,505 01  
 BMW..... LL 04  
 PORSCHE ..... A 40

Meets quality requirements of most gasoline engine manufacturers in the USA, Europe, Japan and Korea.

### PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE		TEST METHOD
Grade		-	5W/30	5W/40	-
Specific Gravity	@ 15°C	-	0.8554	0.8560	ASTM D-1298
Viscosity	@ 40°C	mm <sup>2</sup> /s	61.00	81.00	ASTM D-445
	@ 100°C	mm <sup>2</sup> /s	11.00	13.75	ASTM D-445
Viscosity Index		-	175	175	ASTM D-2270
Flash Point	COC	°C	230	230	ASTM D-92
Pour Point		°C	-39	-39	ASTM D-97
Base Number		mg KOH/g	8.5	8.5	ASTM D-2896
Color		-	3	3	ASTM D-1500
CCS Vis	@ -30°C	cP	6000	6000	ASTM D-5293