

# VOYAGER BRONZE

## 20W/50

### DESCRIPTION

VOYAGER BRONZE is blended with the most advanced additive package, which enables it to give exceptional performance under the most severe operating conditions. It provides effective protection against oxidation, wear and corrosion under high temperature operations and remains a stable multi-grade product. VOYAGER BRONZE provides high resistance to sludge, low volatility characteristics and low oil consumption.

### APPLICATIONS

VOYAGER BRONZE is recommended for gasoline and diesel engine passenger cars, vans, light trucks of every make and type, turbo charged or naturally aspirated. VOYAGER BRONZE is suitable and exceeds the performance requirements of most European, Japanese and American car manufacturers.

### BENEFITS

- Excellent engine protection.
- Eliminates seasonal oil changes.
- Maintains a high order of engine cleanliness.
- Excellent control of deposit formation.
- Excellent oxidation stability at high temperature.
- Excellent shear stability, maintains viscosity grade.
- Protects against rust, wear and sludge formation.
- Less oil top-up.

### PERFORMANCE LEVEL

API .....SL/CF  
 ACEA .....A3/B3/04  
 MB .....229.1  
 VW .....505 00

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

### PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE	TEST METHOD
Grade		-	20W/50	-
Specific Gravity	@ 15°C	-	0.8926	ASTM D-1298
Viscosity	@ 40°C	mm <sup>2</sup> /s	151.10	ASTM D-445
	@ 100°C	mm <sup>2</sup> /s	17.75	ASTM D-445
Viscosity Index		-	130	ASTM D-2270
Flash Point	COC	°C	240	ASTM D-92
Pour Point		°C	-27	ASTM D-97
Base Number		mg KOH/g	8	ASTM D-2896
Color		-	Green	VISUAL
CCS Vis.	@ -15°C	cP	8500	ASTM D-5293