



UNITED GD 2

Product Description:

United GD 2 Fully Synthetic Engine Oil is a premium quality Mid SAPS passenger car lubricant which specially developed for hybrid and downsized engines as well as compatible with latest generation aftertreatment systems. It is formulated to meet the latest performance API SP standard.

High levels of fuel and water in the lubricant is very common in hybrid vehicles, this can lead to increase bearing wear under stop-start operation, higher levels of sludge as well as phase separation of water and fuel which may cause to catastrophic engine damage. United GD 2 Fully Synthetic Engine Oil effectively disperses water and fuel to maintain oil performance together with robust wear and cleanliness performance for hybrid applications.

Applications / Benefits:

- ▣ Super fluidity over a wide range of temperatures and operating conditions.
- ▣ Forming a strong emulsion to protect the oil pumping system.
- ▣ Avoid harmful effects of contamination of lubricant.
- ▣ Control of wear and sludge formation.
- ▣ Durability in modern engine hardware.

Typical Characteristics:

Test Description	Method	
SAE Viscosity Grade	SAE J 300	5W50
Specific Gravity @ 15 °C	ASTM D 4052	0.858
Flash Point, °C	ASTM D 92	218
Pour Point, °C	ASTM D 97	-39
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	119
cSt @ 100°C	ASTM D 445	18.1
Viscosity Index	ASTM D 2270	170
TBN, mgKOH/g	ASTM D 2896	8.7
Color	ASTM D 1500	<3.5
CCS, cP	ASTM D 5293	≤6600
HTHS, cP	ASTM D 5481	≥3.7

Specifications, Approvals & Recommendations:

- API SP