



UNITED GAS ENGINE OIL

Product Description:

United Gas Engine Oil is a premium high performance SAE 40 gas engine oil that is formulated from select high quality, hydrotreated base stocks and an advanced technology additive system engineered to provide excellent protection. It exhibits exceptional chemical stability and resistance to oxidation and nitration and provide excellent anti-corrosion properties that prevent corrosive wear in cylinders.

Its balanced sulfated ash level reduces valve surface deposits and provides exceptional valve seat and face protection and reduces the wear and deposit formation in the critical valve guides of highly loaded turbocharged four-cycle engines.

Applications / Benefits:

- ▣ Reduces engine wear and extends engine life
- ▣ Excellent protection under high temperature operating conditions
- ▣ Low ash Formulation and improves spark low ash Formulation plug performance
- ▣ Outstanding detergency and dispersancy properties

Typical Characteristics:

Test Description	Method	SAE 40	SAE 40	SAE 40
SAE Viscosity Grade	SAE J 300			
Specific Gravity @ 15 °C	ASTM D 4052	0.880	0.883	0.885
Flash Point, °C	ASTM D 92	225	225	225
Pour Point, °C	ASTM D 97	-18	-18	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	133.0	135.0	136.5
cSt @ 100°C	ASTM D 445	14.2	14.3	14.4
Viscosity Index	ASTM D 2270	104	104	104
TBN, mgKOH/g	ASTM D 2896	5.6	6.3	6.5
Color	ASTM D 1500	2.5	2.5	2.5
S Ash Content, % wt	ASTM D 874	0.46	0.51	0.53



Specifications, Approvals & Recommendations:

OEM / API	Models
Caterpillar	G-300 series
	3000 series
Deutz MWM	Group D
	Group E
Guascor	All
Jenbacher	Leanox
	Lambda I and All Leanox
MAN	All
Superior (Cooper Energy)	All except 1700 and 2400
	1700 and 2400
Wartsila	150 SG, 175 SG, 25 SG, 28 SG, 34 SG
Waukesha	VSG F11 G, GSI, GSID
	F817, F1197
	VHP 2895, 3521, 5108, 5790, 7042, 9390, G, GSI
	VHP 2895, 5790 GL
	VHP 3521, 7042, 9390 GL
	VG F-18, H-24, L-36, P-48, G, GL, GLD
	VG F-18, H-24, L-36, P-48, GSID
	AT 25/27 8L, 12V, 16V GL
	VHP 3524, 5794, 7044 GSI
API	CF