



# GGO - 727

## SAE 40

**GGO 727** is a super quality SAE 40 gas engine oil. It is produced from world class hydrocrack base oil with carefully chosen additives package. In addition, it contains low-ash, anti-wear and detergents additives that offers robust component protection even under heavy loads. As it keeps oxidation resistant and thermal stability properties properly, it gives outstanding performance in all operating conditions.

### APPLICATION

This lubricant is used in natural gas fueled engines. It is highly effective to keep the Engine clean, long spark plug life and low sludge deposits. Though it is specially designed for spark ignition gas engines, it is equally suitable for pilot ignition or dual type gas engines. It is equally suitable both for turbo charged or naturally aspirated gas engines.

### BENEFITS

- Better fuel economy.
- Low maintenance cost though better performance.
- Keeps engine clean.
- All year-round usability.
- Excellent anti-corrosion properties.
- Longer spark plug life.
- Excellent break-in protection for high BMEP engines.
- Improves ring, piston and liner life.
- Less engine sludging.
- Reduces engine deposits.
- Reduces valve and combustion chamber ash and carbon build-up.



Data Sheet



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### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
<b>SAE VISCOSITY GRADE</b>		<b>SAE 40</b>
Appearance	ASTM D 4176	B & C
Color	ASTM D 1500	L 2.5
Density at 30°C gm/ml	ASTM D 4052	0.868
Kinematic Viscosity @ 40°C	ASTM D 445	146.48
Kinematic Viscosity @ 100°C	ASTM D 445	15.61
Viscosity Index	ASTM D 2270	110
Sulphated Ash (%wt)	ASTM D 874	0.5
TBN	ASTM D 2896	5.3
Flash Point °C	ASTM D 92	238
Pour Point °C	ASTM D 97	-18

### PERFORMANCE STANDARDS

- Cummins: QSV 81G/91G, OSK 60G
- Guascor: FGLD, SFGLD
- MAN: 3271-2
- MTU: MLT 5074, A001061/29E (Category 1), Onsite Energy Series 400 and 4000
- MWM: TR 0199-99-2105
- MDE: Naturally Aspirated 28xx, 30xx, (D/M), Turbocharged 28xx, 30xx (T/L/Z)
- MAK: GCM 34
- Rolls Royce : KG-1, KG-2, KG-3, KD-4, BV-G
- Tedom: Natural Gas Engines
- Wartsila: 34SG, 32DF, 50DF, 25SG, 28SG, 175SG, 220SG
- Waukesha: Cogen and 220 GL (Pipeline Quality Natural Gas)
- Meets requirements of: Caterpillar Stationary Gas Engines.
- GE Jenbacher: Series 2, 3, 4 Fuel Class A and CAT. Series 6 (Version E&F)
- Fuel Class A and CAT

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