

# Super S<sup>®</sup> Ashless Gas Engine Oils

TECHNICAL PRODUCT INFORMATION



## Super S Ashless Gas Engine Oils

**Super S Ashless Gas Engine Oil** is a premium ashless engine oil proven to be an exceptional performer during years of field service throughout North America in 2-stroke and selected 4-stroke engines. It is based on an exclusive ashless formulation to help prevent combustion chamber deposits, exhaust port blockage and spark plug fouling.

### FEATURES/ BENEFITS

#### **Super S Ashless Gas Engine Oil:**

- Exclusive ashless formulation with years of proven performance
- Exceptional oxidation and nitration resistance
- Excellent piston and engine cleanliness
- Contains an ashless anti-scuff agent
- Designed to lubricate naturally aspirated and turbo charged engines
- Works well with natural and synthetic gas
- Can use a variety of fuels: CNG (compressed natural gas), LPG (liquefied petroleum gas) and LNG (liquefied natural gas)
- Ashless formulation reduces spark plug fouling, port plugging and pre-ignition
- Minimizes formation of crankcase deposits and valve cover / top deck sludge
- Catalyst compatible formulation

### RECOMMENDATIONS/SPECIFICATIONS

**Super S Ashless Gas Engine Oils** are suitable for use where the following specifications are recommended:  
API Service Categories CF, CD

#### 2 Stroke Engines

Ajax  
Dresser Rand (Clark)  
Fairbanks - Morse

Cooper Energy Services / BMEP < 85 PSI  
Dresser Rand (Worthington)

#### 4 Stroke Engines

Caterpillar  
Dresser Rand (Ingersoll-Rand)

Cooper Energy Services

**SPECIAL HANDLING, NOTICES OR WARNINGS**

Use the same care and handling that you would use with petroleum products.

**TYPICAL CHARACTERISTICS**

<b>Super S® Ashless Gas Engine Oils</b>			
<i>Property</i>	<i>Test Method ASTM -D</i>	<i>SAE Viscosity Grade</i>	
		30	40
API Service Category		CF, CD	
API Gravity	1298	29.2	28.9
Flash Point °C/ °F	92	246/480	246/480
Pour Point °C/ °F	97	-18/0	-18/0
Viscosity cSt @ 40°C cSt @ 100°C	445	98.1 10.9	139 13.1
VI	2270	95	95
Ash	874	<0.01	<0.01
TBN	2896	1.1	1.1
Zinc, wt%	AA/ICP	0	0
Phosphorous wt%	AA/ICP	0.025	0.025
Calcium wt%	AA/ICP	0	0

Typical test data are average values only.  
 Minor variations which do not affect product performance are to be expected during normal manufacturing.

**PRODUCT NUMBERS**

**SAE 30**

SUS 207Bulk            Bulk

**SAE 40**

SUS 200-55            55 gallon drum  
 SUS 208Bulk            Bulk