## CITGO PACEMAKER® GAS ENGINE OIL 800 SERIES



Date 6/15

#### **DESCRIPTION:**

CITGO Pacemaker Gas Engine Oil 800 Series oils are low ash/low phosphorus stationary natural gas engine oils formulated to provide maximum resistance to oxidation, corrosion and foaming, and excellent antiwear performance.

#### **QUALITIES:**

- Premium high viscosity index base stocks with low carbon residue to minimize carbon and varnish formation and maximize oil oxidation life.
- · Contain no bright stock.
- · Promote reduced spark plug deposits.
- Contain special detergent-dispersant additive package for excellent cleaning action to keep piston rings free in their grooves, thereby extending engine overhaul periods and engine life.
- · Offer excellent resistance to oil nitration.
- Contain low phosphorous level suitable for use with catalytic converter systems.
- Provide lower oil consumption and reduced maintenance costs.
- Are suitable for use in compressor cylinder lubrication.
- Provide excellent protection against corrosion of vital engine and compressor components.

#### **APPLICATIONS:**

CITGO Pacemaker Gas Engine Oil 800 Series oils are recommended primarily for use in the lubrication of spark-ignited 4-cycle stationary natural gas engines and compressor cylinders.

These oils are recommended for high and medium speed naturally aspirated and turbo charged 4-cycle stationary engines manufactured by Caterpillar, Waukesha, Superior, Cooper-Bessemer; Cummins, Dresser-Rand (Categories I, II and III), as well as low-speed engines manufactured by Cooper-Bessemer and Worthington C4-Cycle. Low ash level/low phosphorous formulation is suitable for use with catalyte converter systems.

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# CITGO PACEMAKER® GAS ENGINE OIL 800 SERIES



Date 06/15 - (Continued)

## **TYPICAL PROPERTIES:**

## CITGO PACEMAKER® GAS ENGINE OIL 800 SERIES

Product Name	815	830	840
SAE Grade	15W-40	30	40
Material Code	632026001	632027001	632028001
Gravity, ASTM D 4052, °API Pounds Per Gallon Flash Point, COC, ASTM D 92, °F (°C) Viscosity, ASTM D 445, cSt at 40°C cSt at 100°C  Viscosity Index, ASTM D 2270 Pour Point, ASTM D 97, °F (°C) Color, ASTM D 1500 Carbon Residue, % (base stock) Sulfated Ash, ASTM D 874, m% Total Acid No., ASTM D 664, mg KOH/g Total Base No., ASTM D 2896, mg KOH/g	30.6 7.27 446 (230) 96.7 13.6 141 -27 (-33) 5.5 0.02 0.46 0.60 3.5	29.3 7.33 466 (241) 89.2 10.9 107 -27 (-33) 5.5 0.02 0.46 0.63 3.5	29.3 7.33 511 (266) 125.1 13.3 101 +5 (-15) 5.5 0.02 0.46 0.52 3.5
Phosphorus, ppm	280	280	280

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