



HDAX[®] 5100 Ashless

Gas Engine Oil

Product Data Sheet

Customer benefits

- **Maximizes engine life**
Combination of Group II base oils and balanced additive package provides excellent piston deposit control. Ashless formulation minimizes surface deposits on valves, spark plugs and combustion chambers.
- **Reduced maintenance costs**
Outstanding oxidation and nitration resistance minimizes acid number increase, providing protection against bearing corrosion.
- **Extended oil change periods**
Very high oxidation stability protects against the formation of gum and varnish, reduces oil thickening and increases oil life.

Applications

- Two-cycle stationary engines on sweet natural gas or LPG
- Older, four-cycle stationary engines on sweet natural gas or LPG

Performance standards

Meets the requirements of the following gas engine manufacturers:

- Ajax
- Clark-Dresser
- Cooper Bessemer (two-cycle)
- Dresser-Rand (Ingersoll-Rand) (two-cycle)
- Fairbanks-Morse (two-cycle)
- Worthington (two-cycle)

Service considerations

The sulfated ash, alkalinity reserve and phosphorus content of gas engine oils can be properly matched to the needs of individual applications, taking account of engine design, operating conditions, fuel type and quality, with particular reference to sulfur content and whether or not the engine is fitted with an exhaust catalyst for emission control purposes.

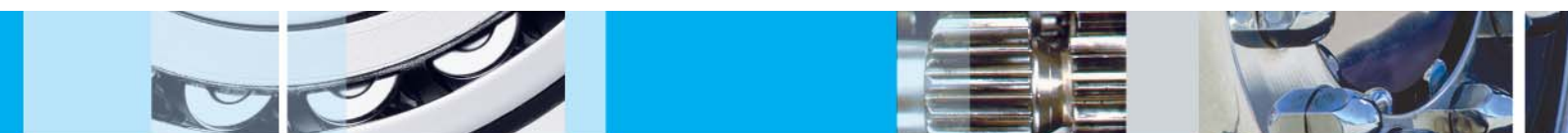
Product features:

Heavy-duty, ashless crankcase oil specially designed for use in ash sensitive, two-cycle and older four-cycle, spark ignition, LPG or natural gas stationary engines.

A Chevron company product

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All spark ignition, gas-fuelled engines are sensitive to the sulfated ash level of the lubricant and to the chemical nature of the ash. Excessive ash can lead to problems such as exhaust valve guttering and build-up of preignition-inducing combustion chamber deposits. On the other hand, many engines require a certain amount of lubricant ash to ensure satisfactory valve seat lubrication and to minimize valve seat recession.

Product specifications

HDAX 5100 ASHLESS	
KEY PROPERTIES	RESULTS
SAE Grade	40
Product Code	530026
Base No., D2896, mg KOH/g	3.1
Phosphorus, m %	0.07
Pour Point, °C	-18
Sulfated Ash, m %	nil
Viscosity, mm ² /s @ 40°C	134
mm ² /s @ 100°C	13.5
Viscosity Index	95

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com