

HDAX[®] FAMILY OF PRODUCTS



Chevron formulates, blends and distributes gas engine oils globally. From field gathering, compression, processing, transmission and power generation, we are there, providing lubricants and services to our customers.

Take advantage of our 45 years of Gas Engine Oil experience.

Let us help your organization pursue your plan for reducing unscheduled down time, improve production and assist with improving your profitability.

We understand the Maintenance Value Drivers in the Natural Gas Engine business.

For Typical Operations:

Unscheduled downtime costs due to engine failures are significant and can directly impact production and revenue

Preventative maintenance tasks are difficult to manage for remote sites

Safety is always a concern for maintenance and repairs in remote compressor stations

Maximizing engine durability contributes to lowering total cost of ownership (TCO)



HDAX[®]

A Chevron company product

Low Ash Gas Engine Oils

HDAX® 7200 Low Ash Gas Engine Oil SAE 40

Our premium, low ash, detergent/dispersant type gas engine oil with extended service capabilities is recommended for lean burn and stoichiometric four-stroke engines operating under high load and temperature conditions. Additionally, it's recommended for high-speed, four-stroke engines used in co-generation and engines fueled with synthetic gas. HDAX 7200 Low Ash Gas Engine Oil SAE 40 provides outstanding oxidation and nitration control, valve recession protection, catalyst compatibility, and helps minimize wear and deposits. This kind of performance, in conjunction with sound maintenance practices, can translate to increased uptime and production.

This low ash, gas engine oil helps extend equipment life and reduce downtime for savings in the maintenance budget. After more than 100,000 hours of extensive field testing in various engines, HDAX 7200 Low Ash Gas Engine Oil SAE 40 is recommended for the following four-stroke, gas fueled engines, manufactured by:

- Caterpillar
- Deutz
- Dresser-Rand (Categories I, II, III)
- GE Jenbacher
- MWM
- Rolls Royce
- Superior
- Wärtsilä
- Waukesha
- Worthington

Field Trial Performance

In an 8,138 hour field trial in a Caterpillar 3516TALE engine in gas compression service, HDAX 7200 Low Ash Gas Engine Oil SAE 40 demonstrated excellent wear protection, deposit limitation and valve recession control. Average oil drain intervals were 2,580 hours with oil consumption averaging less than one gallon per day.



Pistons accumulated very low deposits (thrust side down)



Clean undercrowns facilitated oil cooling of the pistons



**Exhaust Intake
Valves show light deposits with no visible signs of recession.**

The product recommendations provide general guidelines. All manufacturers have different lubricant requirements and recommendations. It is strongly recommended to consult the Original Equipment Manufacturer's (OEM) manual to confirm the appropriate product is used for the application and consistent with the equipment operating conditions and customer's maintenance practices. It is the responsibility of the end user to ensure that products are used in the applications which they are intended for.

HDAX® 5200 SAE-40

Premium performance, heavy-duty, low ash crankcase oil specifically designed to lubricate a wide range of four-stroke natural gas and dual-fuel engines where low ash oils are recommended. Formulated with hydrocracked base oils and additive technology to provide exceptional oxidation and nitration resistance, extended oil and filter life, and outstanding wear protection.

HDAX 5200 Low Ash Gas Engine Oil SAE 40 is approved for Waukesha gas engines that burn pipeline quality gas, all MWM gas engines and MAN gas and dual fuel engines in operation on natural gas and GE Jenbacher types 2, 3, 4 and 6 gas engines burning clean natural gas (Class A). Also approved for Deutz for 913, 914 and TGC2015 Series Engines. This oil is recommended for four-stroke gas fueled engines made by Caterpillar, Delaval, Enterprise, Dresser-Rand (Categories I, II, III), GE Jenbacher, MAN, MWM, Superior, Wärtsilä, Waukesha and Worthington.

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For more information, go to www.chevronlubricants.com

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