D-A LUBRICANT COMPANY

Gas Recovery Lubricant Products

D-A Lubricant Company, Inc. is proud to be an industry leader in the manufacture of mobile and stationary natural gas engine oils.

These products are specifically designed for use in gas recovery systems utilizing natural gas (predominantly methane), processed natural gas (CNG/LPG/LNG) and biogas (sour gas) generated from anaerobic digestion of manure, compost or landfill residue, wastewater treatment, brewery by-product and food waste processes.

BLUE FLAME A™ – available in SAE 30, 40 & 15W-40

Blue Flame A™ is an ashless industrial gas engine oil engineered for use in two and four cycle light/medium gas engines. It is recommended for applications where an ashless oil is required for best performance. Blue Flame A™ resists oxidation and nitration at high operating temperatures thus allowing extended oil life with fewer engine deposits and reduced operational cost. It burns completely to keep gas engine combustion chambers free of deposits that can lead to spark plug fouling and pre-ignition. A high concentration of dispersant additives minimizes piston ring belt, skirt and under crown deposits while also preventing formation of sludge that can plug oil passages and shorten oil filter life.

Blue Flame A™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with extremely effective ashless dispersant engine cleaners, anti-wear additives for superior control of engine wear and a special inhibitor combination to control oil oxidation and nitration.

BLUE FLAME GEO 5™ – available in SAE 15W-40

Blue Flame GEO 5™ is designed specifically for use in gas fueled medium and high speed (rpm) engines within the transportation industry. Blue Flame GEO 5™ can extend engine life through use of its HardBase TBN of five (5) coming from an exclusive detergent/dispersant additive system that provides a new level of deposit control for low ash oils while also effectively neutralizing the corrosive by-products of combustion. Meets the requirements for the Cummins CES 20074 specification. (TBN 5.0, Sulfated Ash, Weight % .05).

Blue Flame GEO 5™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with a unique additive system that further extends oil oxidation life. Special valve cushioning additive components help reduce exhaust valve seat and face wear during severe service. The low ash, low phosphorus composition is compatible with exhaust gas catalytic converters and promotes longer spark plug life for minimized maintenance costs.

BLUE FLAME HB-5™ – available in SAE 30, 40 & 15W-40

Blue Flame HB-5™ is designed specifically for use in medium and high speed (rpm) gas engines fueled by processed natural gas or other gas sources that may contain corrosive materials. The Hard Base™ TBN of five (HB-5) comes from an exclusive detergent/dispersant additive system providing a new level of deposit control for low ash oils while also effectively neutralizing the corrosive by-products of combustion. (TBN 5.0, Sulfated Ash, Weight % 0.5).

Blue Flame HB-5™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with a unique additive system that further extends oil oxidation life. Special valve cushioning additive components help reduce exhaust valve seat and face wear during severe service. The low ash, low phosphorus composition is compatible with exhaust gas catalytic converters and promotes longer spark plug life for minimized maintenance costs.

BLUE FLAME HB-8™ – available in SAE 40

Blue Flame HB-8™ is designed specifically for use in engines fueled by processed natural gas or other gas sources that may contain corrosive materials. It is a medium ash, natural gas engine oil engineered for maximum performance in turbocharged or naturally aspirated medium and high speed (rpm) gas engines. It is formulated for exceptional control of engine deposits and wear, minimized exhaust valve recession, longer oil life and limited corrosive wear in both normal and severe service. The HardBase™ TBN of eight (HB-8) comes from an exclusive detergent/dispersant additive system providing a new level of deposit control for medium ash oils while also effectively neutralizing the corrosive by-products of combustion. (TBN 8, Sulfated Ash, Weight % 0.8).

Blue Flame HB-8™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with a unique additive system that further extends oil oxidation life. Special valve cushioning additive components help reduce exhaust valve seat and face wear during severe service.

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BLUE FLAME HB-10™ – available in SAE 40

Blue Flame HB-10™ is a specialized gas engine oil intended for severe service in applications utilizing varying quality gas sources. This product has been fortified with extra additives that limit corrosive wear caused by fuel sulfur and/or combustion of volatile halogenated gases. The HardBase™ TBN of ten (HB-10) comes from an exclusive detergent/dispersant additive system providing longer drain intervals, fewer deposits and longer engine life. (TBN 10, Sulfated Ash, Weight % 1.0).

Blue Flame HB-10™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with a unique additive system that further extends oil oxidation life. Special valve cushioning additive components help reduce exhaust valve seat and face wear during severe service.

BLUE FLAME J™ 40 – available in SAE 40

Blue Flame J™ 40 is a high performance oil formulated specifically for use in landfill engines and compressors exposed to abrasive and corrosive fuels. This lubricant begins with naturally high viscosity index base oils for temperature shear stability and is enhanced with our advanced ChemGuard™ additive technology.

The exclusive ChemGuard™ additive technology has advanced oxidation/anti-wear inhibitors that combat against hydrogen sulfide and significantly reduce nitration build-up to protect exceptionally well against rust and corrosion. Special valve cushioning components are added to help reduce exhaust valve seat recession, piston and bearing wear.

The very low zinc/phosphorous and low ash formula is fortified with a detergent/dispersant package to guard against damaging formation of carbon, sludge and lacquer/polish that can cause undesired liner scuffing. It also keeps the oil flowing to prevent blockage and promotes clean oil-ways. (TBN 5.0, Sulfated Ash, Weight % 0.5).

Blue Flame J™ 40 significantly extends the life of the oil and filters, effectively lowering overall maintenance costs.

BLUE FLAME WVP™ – available in SAE 40

Blue Flame WVP™ SAE 40 engine oil is designed specifically for use in engines fueled by processed natural gas or other gas sources that may contain corrosive, volatile materials. It is a low ash, natural gas engine oil engineered for maximum performance in turbocharged or naturally aspirated medium and high speed (rpm) gas engines. It is formulated for exceptional control of engine deposits, minimized exhaust valve recession, longer oil life and limited corrosive wear in both normal and severe service. The TBN of 6.1 comes from an exclusive detergent/dispersant additive system providing a new level of deposit control for medium ash oils while also effectively neutralizing the corrosive by-products of combustion. (TBN 6.1, Sulfated Ash, Weight % 0.62).

Blue Flame WVP™ is formulated with thermally stable, high VI base oils that are naturally resistant to oxidation. These base oils are combined with a unique additive system that further extends oil oxidation life. Special valve cushioning additive components help reduce exhaust valve seat and face wear during severe service.

X-92™ – available in SAE 10W-30 & 15W-40

Reliant X-92™ is a product ideally suited for compressed natural gas (CNG), liquified natural gas (LNG) and liquified petroleum gas (LPG) fueled engines utilized for urban/municipality service, including public transportation (buses, taxi cabs), garbage/waste haulers, towing, heavy duty service and light duty applications. A true 'multi-fleet' lubricant, Reliant X-92™ eliminates the need to carry multiple lubricants for those with mixed fleets possessing passenger car, diesel and processed natural gas fueled vehicles. API CK-4/SN and carries CES 20092 Oil Registration (15W-40).

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