

Product Description

D-A Blue Flame ATM is an ashless industrial gas engine oil engineered for use in two and four cycle medium and high speed gas engines. It is recommended for applications where an ashless oil is required for best performance. D-A 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 undercrown deposits while also preventing formation of sludge that can plug oil passages and shorten oil filter life.

D-A 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, antiwear additives for superior control of engine wear and a special inhibitor combination to control oil oxidation and nitration.

Product Features and Benefits

High level of ashless dispersants *keeps critical engine parts cleaner and working at maximum efficiency.*

Ashless to *minimize harmful deposits, which can cause pre-ignition, spark plug fouling and valve failures.*

A balanced blend of chemical inhibitors *controls oil oxidation and nitration processes for reduced oil thickening and longer oil life.*

Effective suspension of oil contaminants by dispersant additives to *limit oil filter plugging for longer oil filter life.*

Service Applications

Gas compression and transmission
 Wellhead gas pumps
 Oil pumps
 Irrigation systems
 Total energy systems
 Waste water treatment
 cogeneration plants
 Landfill gas cogeneration systems
 Manure gas cogeneration

Engine Applications:

- Caterpillar
- Cummins Rio-Grande
- Deutz
- Enterprise
- Fairbanks Morse
- Jenbacher
- Minneapolis-Moline
- Stewart & Stevenson
- Waukesha
- White

Meets Non-Selective Catalytic Reduction (NSCR) catalyst compatibility requirements.

For other engine makes and models, consult the D-A Technical Service Department.

Typical Properties:

SAE Grade	30	40	*15W-40
Viscosity			
@ 100°C, cSt	11.5	14.5	14.4
@ 40°C, cSt	103	148	104
Viscosity Index	98	97	136
Pour Point, °F (°C)	-5 (-21)	10 (-12)	-20 (-29)
Flash Point, °F (°C)	440 (227)	450 (232)	430 (221)
Sulfated Ash, Weight %	Nil	Nil	Nil
CCS @ 20°C, cP	--	--	4500

*SAE 15W-40 is special order only. Minimum shipping quantities and longer delivery time applies.

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823)
Or Fax orders to (317) 923-3884

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