

Blue Flame A™



Product Description

D-A **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. 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 under crown 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, anti-wear 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.

Ashless engine oil, light/medium service gas engine oil for use in 2 and 4 cycle engines.

Burns completely with fewer engine deposits.

Typical Properties

SAE Viscosity Grade	Test Method	30	40	15W-40
Viscosity @ 100°C, cSt	ASTM D445	11.5	14.5	14.4
	ASTM D445	103	148	104
Viscosity Index	ASTM D2270	98	97	136
Pour Point, °F (°C)	ASTM D97	-5 (-21)	-10 (-12)	-20 (-29)
Flash Point, °F (°C)	ASTM D92	440 (227)	450 (232)	430 (221)
Sulfated Ash, Weight %	ASTM D874	Nil	Nil	Nil
CCS @ -20°C, cP	ASTM D5293	N/A	N/A	<7,000

D-A Part Number:

Bulk	52601	52611	52741
Tote - 330 Gal	N/A	52613	52743
Drum - 55 Gal	52602	N/A	52742