

Atom AC-1940

High-Performance Engine Oil Additive

AC-1940 A high performance multipurpose additive cascaded from API CF-4/SG to SB/CB levels.

APPLICATIONS

The **AC-1940** is a versatile, high-performance engine oil additive package formulated with premium-quality detergents, dispersants, ZDDP (zinc dialkyldithiophosphate), and other advanced additive components. Engine oils blended with **AC-1940** deliver outstanding performance across multiple dimensions:

- Excellent detergency to keep engine components clean
- Superior anti-wear and anti-corrosion protection
- Effective soot dispersion to maintain oil stability and cleanliness
- Robust oxidation resistance to extend oil life

With adjustable treat rates, **AC-1940** can be tailored to meet a wide range of industry oil performance standards and specifications, making it suitable for use in both gasoline and diesel engine applications.

RECOMMENDED DOSAGE

Performance Level	Treat Recommendation %wt
	AC-1940
API SJ/CF-4	5.8%
API CF4/SG	5.6%
API SG/CF/CD	4.8%
API CF/SF	4.1%
API CF	3.6%
API SF/CD	3.4%
API SF/CC	3.9%
API SE/CD	3.7%
API CD	2.5%
API CD/SD	2.7%
API SD/CC	2.6%
API CC/SC	2.5%
API SB/CB	1.5%

Typical Characteristics	
Characteristics	Typical Value
Appearance	Brown Viscous Liquid
Density @ 20°C, g/cu.cm	1.055
Viscosity @ 100°C, cSt	72
Flash Point, COC, °C	200
Calcium, % weight	6.8
Zinc, % weight	2.25
Phosphorus, % weight	1.95
Nitrogen, % weight	0.41
TBN, mg KOH/gm	185

HANDLING INFORMATION

Recommended maximum blending temperature is 60°C For best result in blending add first VI Improver and then DDI Packages. Please refer to the corresponding material safety data sheet for handling and blending precautions and maximum recommended temperatures

STORAGE

HANDLING

60-80°C (140-176°F) 80-90°C (176-194°F)

SAFETY INFORMATION

For more extensive information on safe handling and use of this product, see the Safety Data Sheet.

SHIPPING INFORMATION

Tank Cars, Tank Trucks and non-returnable 55-gallon steel drums.



PROGRESS TO ZERO EMISSION