

# SOS-L3



The SOS-L3 package is an essential package in determining the life of your fuel. This package is designed for industries that are essential in maintaining everyday events, such as municipalities, school districts, state agencies, and leisure and hospitality companies. This package includes the tests from the SOS-L2 package, and covers other areas of fuel quality, such as the sulfur content in the fuel and the life expectancy of the fuel.

## **Test includes the following:**

Distillation	ASTM D86	Water by Karl Fischer	ASTM D6304
Microbial Growth	ASTM D6469	Appearance	ASTM D4176
Flash Point	ASTM D93	Stability/Accelerated Aging	EN 14112
Sulfur	ASTM D5453		

**Distillation** temperature is the temperature at which 90% of the fuel can be distilled off. This temperature is directly related to the fuel's volatility, Cetane Index, Density, Flash Point and Viscosity.

**Microbial Growth** test determines the type and degree of infestation.

**Flash Point** is the lowest temperature at which the vapors of a combustible liquid will ignite momentarily in the air.

**Water by Karl Fischer** is a highly accurate test used to determine water content in the fuel. Results can accurately be measured from 1 ppm to 100%.

**Appearance** tests for water sediment or any other foreign debris.

**Stability/Accelerated Aging** is a percentage range assigned to a fuel based on its tendency to produce asphaltene at high temperatures.

**Sulfur** Test Method for Determination of Total Sulfur in Light Hydrocarbons.