



# FIRE LUBRICANTS

## Fire-Additive-1003

### Heavy Duty Diesel Engine Oil Additive:

Fire Additive-1003 is a multifunctional additive for production of crankcase oils.

At the recommended treat rate of 6.15 mass% in a suitable base stock, produces oils meeting API SF/CF, MB 228.0 Blanket approval and API CF performance. At recommended treat rate TBN of 11 will be obtained.

- API CF can be claimed at 6.15% in broad range of group-I base stocks.
- The obsolete SF gasoline specification can be claimed.
- Inherent high TBN of the package resulting in 11 TBN at 6.15%.

	Unit	Value
Sulphur	% weight	4.7
Phosphorus	% weight	1.73
Calcium	% weight	5.80
Sodium	% weight	0.96
Sulfated Ash	% weight	25.4
Nitrogen	% weight	0.31
		Value
Density @ 15 <sup>o</sup> C	KG/L	1.068
Flash Point <sup>o</sup> C	<sup>o</sup> C	159
Viscosity @100 <sup>o</sup> C	cSt	127
Viscosity @40 <sup>o</sup> C	cSt	2208
Pour Point	<sup>o</sup> C	-16

**Note :** The above specification are subject to change without any prior notice & it implies no liabilities or other legal responsibility on our part or third party.