

**Technical Data Sheet**

Solvent Green 33 is a single-phase liquid dye. It is formulated in high flash solvent (>62 degree celsius). Solvent Green liquid is easily miscible in any of the petroleum products such as fuels, lubricants. Our product is free from insoluble and impurities.

Application - Coloration and differentiation of fuels and lubricants

Test Description	Method	Specification
Physical Appearance	Visual	Dark Green Clear Liquid
Odour		Typical Aromatic
Density @20 degree celsius	IP160	0.9-1.1 Kg/L
Viscosity	Brookfield	<200 cps
Spectral Strength @648 nm	UV - vis	100±5%
Absorbance of 0.002% solution in xylene in 1cm cell @648 nm	UV - vis	0.222 ± 0.011%
λ max	UV - vis	648 nm 425 nm
Insoluble matter in toluene	Filter method	0.5% max
Moisture content	KF apparatus	0.5% max
Freezing point		< -10 degree celsius
Vapour pressure		680pa
Flash Point (If in high flash solvent)	IP34	>62 degree Celsius
Solubility		Insoluble in water Soluble in gasoline, Hydrocarbons oils, petroleum

Shelf Life - 2 years from the date of manufacturing when stored in closed container between 5 to 40 degree celsius.

Dosage - The product is designed to be used at a dosage of 10-20 ppm depending upon the shade required