



Technical Data Sheet

Solvent Yellow 107 is a single-phase liquid dye. It is formulated in high flash solvent (>62 degree Celsius), Toluene solvent system and even in Toluene solvent system as per the requirement of the customers. Solvent Yellow 107 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

Chemical Class - Azo

Test Description	Method	Specification
Physical Appearance	Visual	Dark Yellow Clear Liquid
Odor		Typical Aromatic
Density	IP160	0.9-1.1 Kg/L
Viscosity	Brookfield	<200 cps
Spectral Strength @425 nm	UV - vis	100±5%
Absorbance of 0.002% solution in toluene in 1cm cell @425 nm	UV - vis	0.638±0.030
Insoluble matter in toluene	Filter method	0.5% max
Moisture content	KF apparatus	0.5% max
Freezing point		< -25 degree celsius
Vapour pressure		680 pa
Flash Point (if in high flash solvent)	IP34	>180 degree Celsius
Solubility		Insoluble in water Soluble in gasoline, Hydrocarbons oils, petroleum products etc.

Shelf Life - 2 years from the date of manufacturing when stored in a 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.