



TECHNICAL DATA SHEET

RED DYE CONCENTRATE 50ML



OIL INTEL

DESCRIPTION

RED DYE CONCENTRATE 50ML is a single phase, liquid concentrated solvent soluble dye containing C.I. Solvent Red 164 and provided in a high flash, severely hydrotreated aromatic solvent system. The solvent is used in the product as a viscosity depressant and standardizing agent.

The product has been found to be miscible in all petroleum fuels, lubricating oils and many other related hydrocarbon solvents, including grease and hydraulic oils. Common applications include the colouration of lubricants such as automatic transmission fluids. It has also found use in a variety of other applications including the colouration of fuels, solvents, polishes, fertilisers, explosives, adhesives and for leak detection.

RECOMMENDED DOSAGE

The following recommendations are provided as a starting point for typical applications. Actual dosage will depend on desired colour strength as well as background colour of the base material.

Fuels:	5-20 mg/L
Lubricants:	50-200 mg/L
Greases:	500-2000 mg/L
Inks:	5-15%

STORAGE

The recommended storage temperature for this material is between 10 and 40°C. Exposure to excessively low temperatures should be avoided as it may cause increased levels of precipitation. The product should also be stored away from excessive heat sources or ignition sources.

If product containers are kept sealed and dry and extreme temperatures are avoided the shelf life of the material is greater than 3 years. The container should be tightly closed when not in use in order to prevent solvent evaporation.

HANDLING

RED DYE CONCENTRATE 50ML has been formulated to accommodate handling at temperatures down to 0°C. To ensure pumpability at temperatures below this, we recommend diluting the product with an aromatic solvent.



Any piping, fittings, valves, filters, metering pumps, etc. should have wetted parts compatible with that of a naphthalene depleted heavy aromatic solvent system.

The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purpose.