











DYES FOR GREASES, LUBRICANTS & OIL-BASED PRODUCTS

Automate™ dyes are concentrated solvent-soluble dyes provided in two liquid forms: Xylene and High Flash, Hydro-Treated Aromatic. Automate dyes have been found to be completely miscible in all petroleum fuels, lubricating oils, hydraulic oils, greases, and many other related hydrocarbon solvents. Common applications include the coloration of lubricants, such as automatic transmission fluids, leak detection, fuels, polishes, explosives, adhesives, and a variety of other solvents.



Product Name	Product Code	Color Index Name	Shade	Chemical Class
XYLENE				
Automate Red BXL 	606-164-32	Solvent Red 164	Red	Azo
Automate Red GXS 	606-165-31	Proprietary Blend	Yellow Shade Red	Proprietary Blend
Automate Blue 8A 	206-098-42	Solvent Blue 98	Blue	Anthraquinone
Automate Orange 2XS 	506-410-50	Proprietary Blend	Orange	Proprietary Blend
Automate Green MX 	406-408-41	Proprietary Blend	Green	Proprietary Blend
Automate Purple XS 	706-404-40	Proprietary Blend	Purple	Proprietary Blend
Automate Brown 2XS 	306-405-41	Proprietary Blend	Brown	Proprietary Blend
Automate Black 1XS 	106-401-42	Proprietary Blend	Black	Proprietary Blend

Product Name	Product Code	Color Index Name	Shade	Chemical Class
HIGH FLASH HYDRO-TREATED AROMATIC				
Automate Red IKHF 	606-429-50	Solvent Red 164	Red	Azo
Automate Blue 8AHF 	206-098-31	Solvent Blue 98	Blue	Anthraquinone
Automate Yellow HF 	806-417-50	N/A	Yellow	Azo
Automate Yellow 8HF 	806-107-52	Solvent Yellow 175	Red Shade Yellow	Azo
Automate Brown 2XSHF 	306-405-42	Proprietary Blend	Brown	Proprietary Blend
Fluorescent Yellow 131SC 	606-175-50	Solvent Red 175	FL Yellow	Perylene
Automate Green HFXS 	406-407-43	Proprietary Blend	Green	Proprietary Blend
Automate Orange 2HFXS 	506-410-52	Proprietary Blend	Orange	Proprietary Blend

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

FUELS

5 to 20 mg/l — 0.5 to 2.0 lbs/1,000 gallons;

LUBRICANTS

50 to 200 mg/l — 5 to 20 lbs/1,000 gallons;

GREASES

500 to 2,000 mg/l — 50 to 200 lbs/1,000 gallons.