

Colour scales	Scope	Range	L	AT	P	IP 17	S	CIE
Lovibond RYBN	Oils, fats, chemicals, resins and other transparent liquids in terms of Lovibond Red, Yellow, Blue and Neutral units	0 - 70 Red, Yellow; 0 - 40 Blue; 0 - 3.9 Neutral	•	+	+	•	•	•
Saybolt Colour	Light coloured petroleum products including aviation fuels, kerosine, white mineral oils, hydrocarbon solvents and petroleum waxes	-16 (darkest) to +30 (lightest)	+	+	•	+	+	•
ASTM Colour	A wide range of petroleum products including lubricating oils, heating oils and diesel fuel oils	0.5 - 8 units (resolution 0.1 units)	+	+	•	+	+	•
ICUMSA 420 and 560 nm	Sugar solutions and syrups		+	+	+	+	•	•
IP units	Light coloured products e.g. kerosene, white spirit, undyed motor fuel	Water white (0.25) to standard white (4.0)	+	+	+	•	+	•
AOCS Tintometer	Oils fats and derivatives	0.1 - 20 red 1.0 - 70 yellow	+	•	+	+	+	•
CIE values	X Y Z tri-stimulus values; x y Y chromaticity co-ordinates; CIE L*a*b* colour space; ΔE colour difference	Defined by spectrum locus	•	•	•	•	•	•