



Product Data

Brayco™ IC X-100

Specialities

Description

Brayco™ IC X-100 (previously called Fluoroclean™ X-100) is a high performance, environmentally friendly, non-flammable solvent. It is chemically inert, non-flammable, very low in toxicity, and compatible with most metals, plastics, and elastomers. : Brayco IC X-100, perfluorinated solvent is recommended for use in grease plating applications.

Application

Brayco IC X-100 is designed for use as a substitute for Freon 113 (CFC-113)* in grease plating perfluorinated lubricants and other halogenated lubricants, including Castrol Braycote 600EF, 601EF, 602EF, 603EF, 631, 631A, 640, 640AC, 802, 802RP, 803, 803RP, 803EP, 804, 805, 806, 806RP, 807, 807RP, 812, 815Z, 1613, 1616, 1624, 1625, 1632, 1636, 1721, 1722, 1723, 1724, 1728, 1729, Castrol Endurex 1000 and 3100, and Castrol Braycote GS, LVP and 296.

* Not a Castrol product, listed for comparative purposes only.

Typical Characteristics

Name	Method	Units	Brayco IC X-100
Basic Formula	-	-	11NOC6F
Average Molecular Weight	-	-	299
Physical State @ 25°C (77°F)	-	-	Liquid
Boiling Point	-	°C / °F	51 / 124
Liquid Density @ 25°C (77°F)	-	g/mL	1.70
Liquid Viscosity @ 20°C (68°F)	-	cSt	0.68
Surface Tension, cm @ 25°C (77°F)	-	dynes/cm	13.0
Vapor Pressure @ 25°C (77°F)	-	psi	5.29
Heat of Vaporization @ boiling point	-	cal/g	25
Solubility of H2O @ 25°C (77°F)	-	ppm by wt	14
Solubility of Fluorocarbons	-	-	High
Flash Point	-	°C	None
Hildebrand Solubility Parameter (estimated value)	-	-	6.3
Ozone Depletion Potential	-	-	0.000
Residue	-	ppm	<1

Subject to usual manufacturing tolerances.

User Advice

Brayco IC X-100 is not an effective solvent for mineral oil or silicone oil based lubricants.

This product was previously called Fluoroclean X-100. The name changed in 2015

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06 Apr 2022

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