



## OVERVIEW

Fluo-Oil 7500 is a fluorinated oil proposed by Emulseo as an alternative to Novec™ 7500 for microfluidic applications. Fluo-Oil 7500 has especially been formulated to ensure stability, biocompatibility, and reproducibility of microfluidic experiments.

Fluo-Oil 7500 chemical and physico-chemical properties are similar to those of Novec™ 7500 and are summarized in the table below:

	Fluo-Oil 7500	Novec™ 7500	
<b>Appearance</b> -----	Transparent	Transparent	Fluo-Oil 7500 is especially recommended for solubilization of surfactants from Emulseo.
<b>Biocompatibility</b> -----	✓	✓	
<b>Boiling point (°C)</b> -----	129	129	
<b>Viscosity (mPa.s)</b> -----	1.24	1.24	
<b>Density</b> -----	1.61	1.61	

## BENEFITS



Biocompatibility



Reproducibility



Stability

## RECOMMENDATION

Emulseo's Fluo-Oil 7500 has been precisely designed to dilute Emulseo's surfactants neat or already diluted in Novec™ 7500 or Fluo-Oil 7500.

## STORAGE

Emulseo's fluorinated oil should be stored at room temperature protected from light in glass vials for 1 year. After solubilization of FluoSurf™ in the oil, the solution has to be stored at 4°C for 6 months.

## SAFETY NOTES

- Avoid inhalation, ingestion and contact with skin and eyes
- Wear chemical resistant personal protective equipment
- Wear suitable gloves
- Wear suitable protective clothing
- Safety glasses with side-shields

For additional information, see the Material Safety Data Sheet



## CONTACT

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