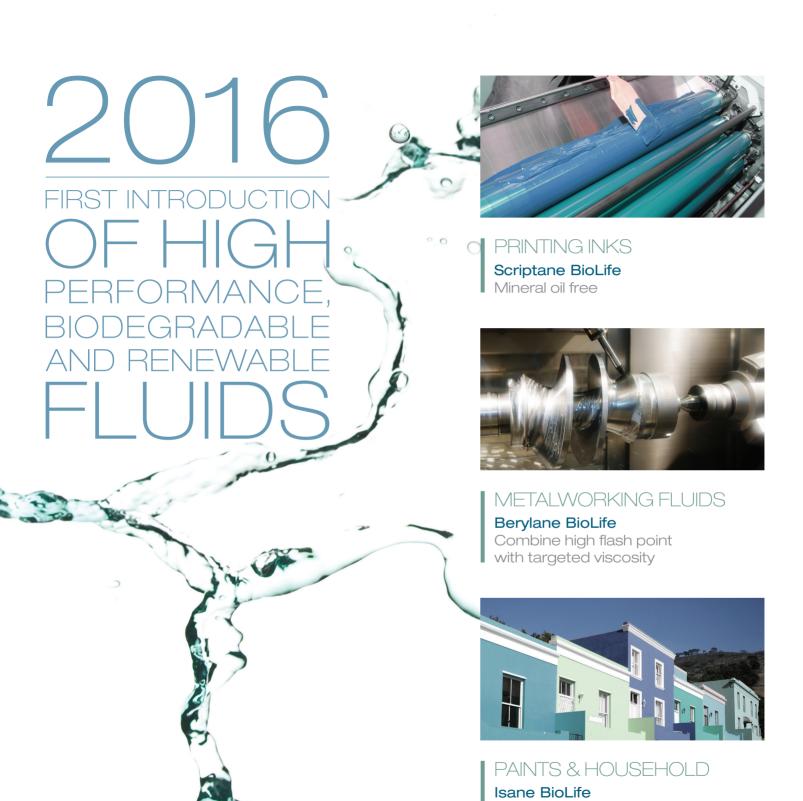
## **BioLife**

Laying the foundations of a new chemistry of fluids



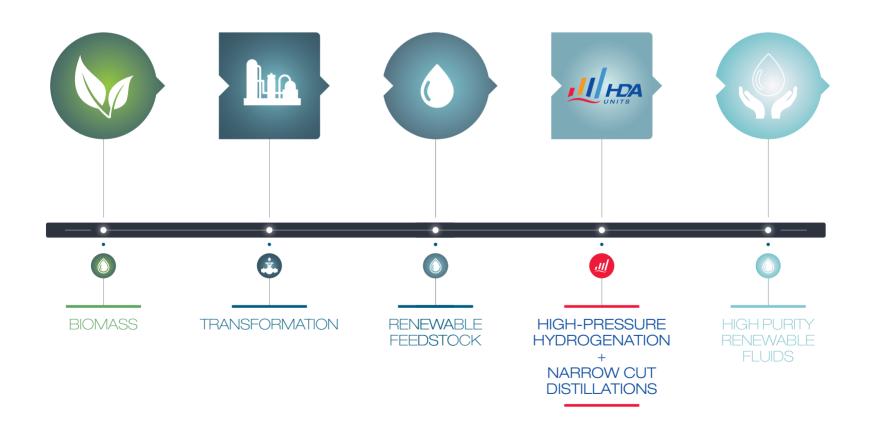


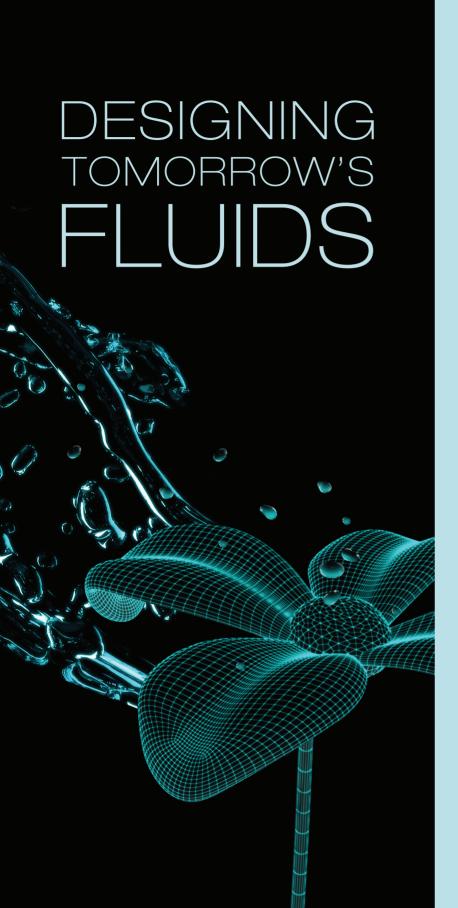


Excellent thermal & hydrolytic stability



## A UNIQUE PROCESS FOR OUTSTANDING PURITY STANDARDS





# SOLVENTS, CARRIERS, LUBRICANTS...

in every industry fluids facilitate operations and transformations.

Today, with the quest for more sustainable solutions, a new generation of fluids is needed.

As a global leader known to supply the purest solutions in the market, the Special Fluids division of Total is committed to an ambitious R&D program to explore and develop the next generation of high purity fluids from renewable resources.

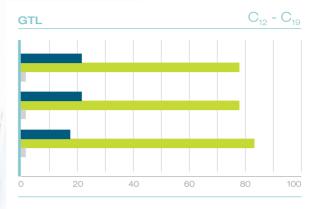
### A NEW CLASS OF BIOALKANES

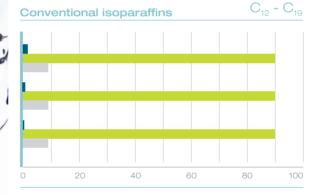
## PURE BIODEGRADABLE ISOPARAFFINS

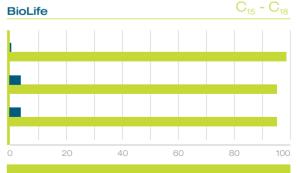
#### Paraffin composition

## TOTAL RENEWABLE FLUIDS ARE:

- · Odorless and colorless
- · Ultra low in aromatic content
- Readily biodegradable (0ECD306/301B guideline)
- Pharmacopeia compliant
- Mineral oil free







#### > 95% PURE ISOPARAFFINS

- Normal Paraffins
- Isoparaffins
- Naphtenics





#### **SPECIAL FLUIDS DIVISION**

24, Cours Michelet - La Défense 10 92069 Paris La Défense - Cedex

www.totalspecialfluids.com