

FOR A SUSTAINABLE WORLD

ECOSAFE *plus*

- **IMPROVE YOUR QUALITY PROCESS**
- **IMPROVE THE LIFE OF YOUR PLANT**
- **IMPROVE SAFETY AND ENVIRONMENT**
- **IMPROVE YOUR PROFIT**



HFC FIRE-RESISTANT HYDRAULIC FLUID
GLYCOL FREE
Viscosity grade ISO VG 46-68

*Balance and merger of ecocompatibility
and high technical performances*

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ALFE CHEM INDIA

Exclusively distributed and marketed in India by
ALFE CHEM INDIA PVT. LTD.

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ALFE CHEM INDIA

Green chemistry

- Innovative new chemistry
- Design products to preserve efficacy of function while reducing toxicity and environmental impact
- Eliminate or reduce the use or generation of hazardous chemicals
- Design products to degrade after use
- Minimize the potential for accidents (explosions, fires, and releases to the environment)
- Reduce hazards to human and ecosystem health
- Clean energy
- Energy efficient processes
- Green building and transportation
- Safer consumer products

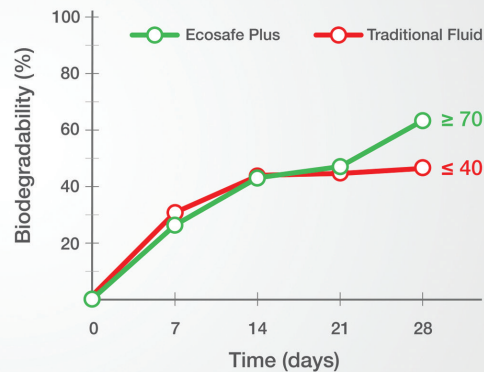
Green economy

- Consider not only the economical aspects but also the environmental impact of the whole process
- Sustainable development
- Reduce the consume of natural resources and the damages to the environment
- Energy efficiency
- Sustainable economy



Sustainable

- Ecosafe Plus has a carbon content derived from renewable raw materials greater than 50% (renewable share approx. 60%)
- Low environmental impact
- Non-hazardous
- Safe handling
- Biodegradability



High performance/Technology

FM APPROVAL

ECOSAFE PLUS was tested with flammability trials, in order to evaluate its fire-resistance properties, and certified by FM Global. ECOSAFE PLUS meets the requirements of FM Approval class 6930 (Fire point: none - Registration number: 3052383)



VICKER TEST (DERIVED FROM ASTM D 2882)

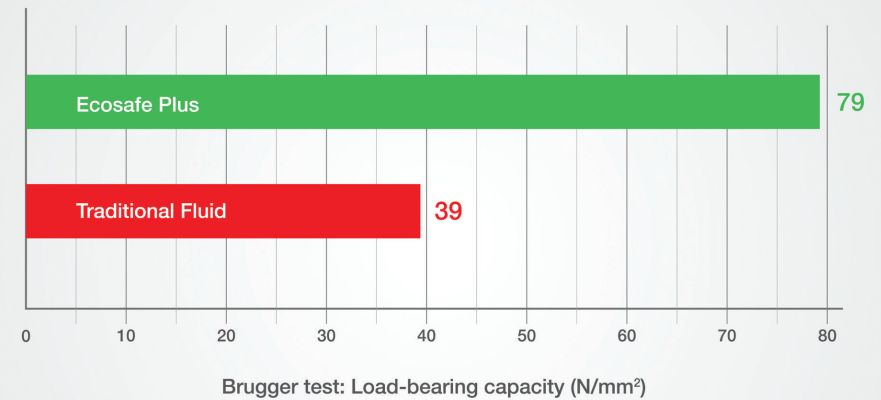
The test showed that, in the same conditions, ECOSAFE PLUS has active lubrication and anti-wear performances 4 times higher than the traditional products commonly used nowadays

BRUGGER TEST (DIN 51347)

ECOSAFE PLUS showed a load resistance double compared to that measured with the traditional products

VANE ON FLAT test

ECOSAFE PLUS completed the test without noticeable failure/damages and with performances superior to that of a HFDU fluid of reference



ELASTOMER COMPATIBILITY (ASTM D 472)

ECOSAFE PLUS is completely compatible with the most commonly used elastomers in oleodinamic plants, reducing leakages and damages

