

SIFOM

Au cœur de votre productivité

HANGSTERFER'S[®]
Research, Development & Manufacturing of Metalworking Lubricants



28

Ni

Nickel
58.6934

22

Ti

Titanium
47.867

13

Al

Aluminium
26.9815386

12

Mg

Magnesium
24.3050

**THE
CLEAR
CHOICE** FOR THE
**AEROSPACE
INDUSTRY**



Hangsterfer's
**reduces the cost
of the entire machining
process!**

**PRODUCTIVITY,
surface quality, tool life**

- Maximize speeds and feeds to reduce cycle time
- Immediate surface improvements noticeable
- Increase tool life
- Achieve tight tolerances and maintain sizing

ENVIRONMENTAL, health & safety

- Boron, formaldehyde and secondary amine free
- Fully GHS, REACH and ROHS compliant
- Non-toxic and non-hazardous
- Bio-Based, bio -degradable, sustainable

**Hangsterfer's provides harmony
between industry and nature!**

APPROVED, conforms, endorsed

- Globally recognized and endorsed
- Independently tested and verified
- Original equipment manufacturer (OEM) approved
- Research & development experience since 1937

**Hangsterfer's manufactures the most advanced
metalworking fluids in the world!**

**MACHINE,
material, operator compatible**

- Proven safe for the skin
- Protects machine components
- Excellent rust and corrosion protection
- Clear visibility, low residue, easy to clean

**Maximize machine capabilities and exceed customer
expectations!**

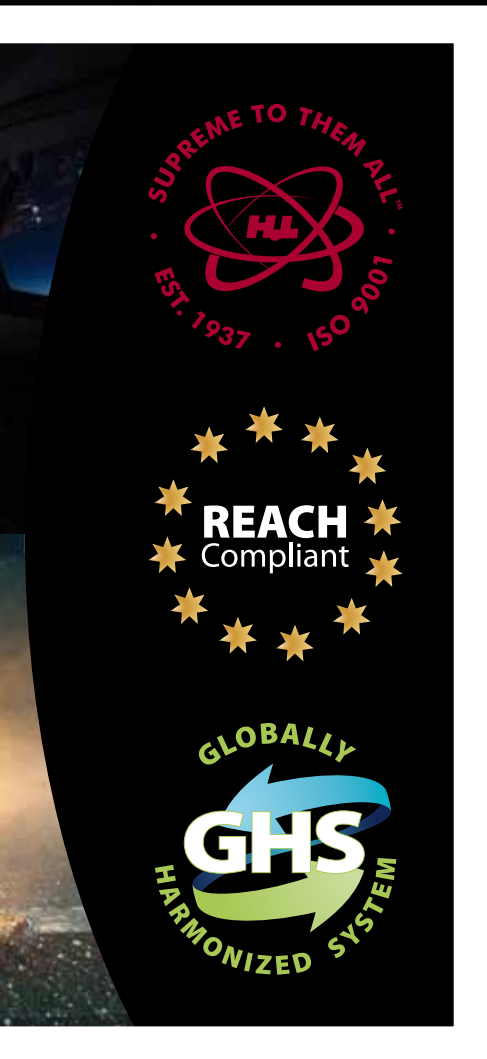
**LONG LASTING,
mild odor, no foam**

- Eliminate bacteria and fungus problems
- Reduce consumption and lower maintenance
- Made for high pressure and high speed machines
- Formulated for central and individual systems

Time-saving, trouble-free technology!

**MACHINISTS
LOVE IT!**

Our products will exceed your expectations without compromise to **health, safety or environmental concerns.**



EMULSIFIABLE OILS

S-500 CF

The original, time-tested technology that is 100% amine free.



SEMI-SYNTHETICS

S-787

The most advanced micro-emulsion on the market. Unparalleled tool life and high pressure performance.



SYNTHETICS

CRYSTAL CUT 322

Transparent, mineral oil free, high lubricating fluid.



CUTTING OILS

HARD-CUT NG

Next generation of superior lubricants formulated with synthetic oils.

Coolants, cutting oils, metalforming compounds, machine lubricants, dielectric fluids, cleaners, and total system partnership.

02
03

INNOVATIVE TECHNOLOGY PROVES ITSELF WITHIN THE AEROSPACE INDUSTRY



Since 1937, Hangsterfers has specialized in the development of the highest quality, high performance and non-hazardous metalworking lubricants.

Hangsterfers is well recognized for quality and performance of lubricants in the machining industry. Our technology guarantees vital lubrication to the tool-work piece interface, improving tool life and process stability that excels on materials used in the aerospace industry.





SIFOM

Au cœur de votre productivité

Société Industrielle Française d'Outillage Mécanique

114-116 boulevard Voltaire - 75543 Paris Cedex 11 Tél.: +33 (0)1 48 06 87 48 Fax : +33 (0)1 48 06 07 90 Email : sifom@sifom.fr www.sifom.fr

