

Go4 Bunker

Aviation-, Marine Fuel- & Tank Filter Systems

Blending

Jet Fuel Additivation System for F34/F35/F63 and JP8+100 B-fluid

TURNKEY SOLUTIONS

There are many variables to take into account when introducing an Additivation System and our highly skilled engineers will adapt our system to fit your exact requirements.

TECHNICAL SUPPORT

We are with you all the way. Before, during and after the implementation to secure a flawless integration and operation.

ZERO DOWNTIME

As a central part of a critical fuel delivery system; mechanical stability, toughness and durability is an important aspect of the manufacturing and design philosophy.

For more information on these or other of our products or services please visit us on the Web at:

www.cbi.dk

Go4 Additivation System for NATO Jet fuel in a CSC Approved 20' Container

NATO Code 4235-22-607-9088 and 4930-22-623-5344



On-demand Fuel Supply

The Go4 Jet Fuel Additivation System has been developed specifically for military purposes and has proven its stability for more than a decade in extreme conditions in operation around the World. From a freezing - 25°C to a scalding + 50°C.

The system can produce a wide range of NATO standard Aviation and Ground Fuels, providing considerable savings in transport logistics and storage space.

The ability to produce fuel on demand from just one main fuel type (i.e. Jet A-1) reduce the requirement for tank storage capacity for different fuels, as Jet A-1 can be converted to most other fuels including "Diesel" for Ground vehicles.

This in turn simplifies the delivery logistics for all the different fuels, which can now be produced using Jet A-1 and one or more additives. No more different trucks with different fuels from different areas. Just one type to fulfil most requirements.

NATO Specifications

The system has been developed to provide NATO specification Aviation type Turbine Fuels (Kerosene) such as:

- NATO F34 (JP-8)
- NATO F35
- NATO F63
- JP-8+100 (B-fluid)

The system is available under NATO Code(s) 4235-22-607-9088 and 4930-22-623-5344.

Additive Ratios (examples only)

Additive	PPM
FSII Anti-Icing	500 - 2000
S-1750 Additive for diesel engines	500 - 2000
CI/LI Corrosion Inhibitor/Lubricity Improver	0 - 36
SDA Stadis 450 Static Dissipator	30 - 120

Other specifications on request.

Go4
INTELLIGENT BUNKERING SOLUTIONS

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SERVICES AVAILABLE

Consulting Services
Technical Support
Installation and Setup
Maintenance
Warranty

EU CONFORMITY

- 2006/42/EC, Machine Directive
- 2004/108/EF, EMC Directive
- 94/9/EC, ATEX Equipment Directive
- 97/23/EC, Pressure Equipment Directive
- EN 62305-2, Lightning Prevention System LPS I
- BGR 132, Prevention of Ignition Risks

APPROVALS

- CSC Approved (GL)
- TÜV Approved
- ATEX Approved
- BetrSichV (§14)

Jet-fuel Additivation System for NATO use

Options and Technical Specifications



Constant, Reliable Operation

All the equipment is fitted into a standard CSC approved 20' container. Access is provided through a personnel door fitted on the front as well as two foldable container doors on the back for changing the additive containers: 2 x 1000 litre pallet tanks and 1 x 200 litre drum, further there are two double doors on the side for access to ancillary equipment.

The container is insulated with 45 mm insulation and have self-regulating heating elements and automatic ventilation (5 times per Hour) for added safety.

The additivation system is able to operate without an External power source, and has the ability to maintain calibration over a wide flow range, due to a direct coupling between the Jet A-1 flow and the injection of additives.

Options

Personnel Protection Kit
Includes a bodysuit, gloves, goggles and boots to protect against contact with harmful chemicals in case of accidental spillage.

Oil Spillage Kit
Emergency kit with absorbents to reduce risk of environmental contamination.

Sun Protection Roof
The roof structure is made for use in areas with high temperatures to reduce radiation heating of the container. The roof is made in sections using tough but lightweight material and is easy to fit and dismantle. It is wind resistant up to 7 m/s.

Technical Details *(Other specifications on request)*

Description	Specification
Production Capacity	35 - 250 m ³ per Hour (model specific)
Main Fuel Line connection	DN100/4" or DN150/6"
Max Operational Pressure	6,8 bar
Mains Supply	3 x 400 VAC 50 Hz - 16 A
Interior Safety Measures	ATEX Zone I (Ex)
Exterior Safety Measures	Lightning Protection LPS I
Personnel Protection	Spillage Kit, Personnel Protection Kit, Fire Extinguishers, First Aid Kit (DIN 13157), Ventilation (5 times/Hour)
Container Weight - Nett	6,500 kg /14,500 LBS



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