ECOLAB®

NALCO Water

Performance Fuels for the Transportation Industry

The fuels that power the fast-paced and critical travel industry require the use of approved products to help protect assets and improve performance.

Aviation antioxidant, lubricity improver and corrosion inhibitor performance additives

- Help protect moving parts from wear, corrosion, fouling, and mechanical failure
- Used for both commercial and military grade jet fuels

Aviation static dissipator additives (SDA) or conductivity improvers

- Added to aviation fuels to avoid sudden increase in static during the transfer or pumping of the fuel
- Provide a higher flash point and does not contain any quaternary components

ENVIRONMENTAL RESPONSIBILITY

HUMAN HEALTH & SAFETY

PRODUCTIVITY

Nalco Water aviation performance additives help protect critical equipment

Conform to EI 1530 supply and quality starts

Meet U.S. Military, UK Ministry of Defense (MOD), and civil aviation standards

AVIATION

Jet Fuel Solutions

Nalco EC5208A

Antioxidant designed to inhibit the oxidation of jet fuel and aviation gasoline

- Controls peroxides
- Does not contribute to deposit formation
- Used as an antioxidant in military and commercial fuels

Approvals:

- Aviation Turbine Fuels, US Dept. of Defense
- MTL-DTL-83133, MTL-DTL-5624
- UK Ministry of Defense
- MTL DEFSTAN 91-091, 91-087, 91-086
- Qualification Reference - RDE/A/609
- Aviation Gasoline - MIL-G-5572
- Motor Gasoline - MIL-G-3056
- Naval Distillate Fuel - MIL-F-16884H

Nalco 5403 / Nalco 5405

Designed to protect the quality of finished petroleum products

- Helps assure optimum corrosion protection for pipelines and tanks
- For use in military aviation turbine fuels as a corrosion inhibitor and lubricity improver
- Chemistry successfully used in aviation and diesel fuels for over 40 years

Approvals:

- US Dept of Defense, QPL-25017
- UK Ministry of Defense, QPL 68-251
- DEFSTAN 91-091 for use in aviation turbine fuels
- Listed on ASTM D-1655 as approved for aviation turbine fuel*
- Listed on ASTM D-910 as approved for aviation gasoline

*Nalco 5403 only

AvGuard™ SDA

Helps reduce the risk of a static discharge event

- Nalco Water is the exclusive reseller of AvGuard™ SDA*
- Does not harm aviation fuel properties and is compatible with other aviation-approved additives
- Compatible with engine and airframe materials
- Conductivity performance of treated fuel does not deteriorate over time when stored at low temperatures

*Excluding Asia Pacific

Approvals:

- ASTM D1655
- ASTM D7566 (SAF)
- US MIL-DTL-83133
- DefStan 91-091
- CAN / CGSB-3.23-2019
- CAN / CGSB-3.24-2019

Nalco Water, an Ecolab company, is a global leader in water and process management solutions for industrial customers. Industry-leading innovations, technical expertise and service help refining and petrochemical companies grow, while transforming toward a more sustainable future. Smart water management solutions, digital insights and predictive analytics **help optimize your operations for improved performance, quality, efficiency, and reliability.**

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