



Aircraft Industries



www.let.cz / pps@let.cz / +420 572 817 664  
Aircraft Industries, a.s. / Na Záhonech 1177 / Kunovice 686 04 / Czech Republic

## SERVICE LETTER

SL No. **L-410/014**

Aeroplane Type: **L-410**

Model(s): **All**

Date of Issue: **Feb 22, 2024**

**Reason:** Information to L-410 aircraft operators concerning periodic application of Fuel Lubricity Improver Additive to improve reliability of FCUs installed on M601 and H-series engines.

**Description:** Czech turboprop engine manufacturer GE Aviation Czech has issued Alert Service Bulletin No. SB-000469/00 with recommendations for the use of a Fuel Lubricity Improver Additive to improve the reliability of Fuel Control Units (FCUs).

GE Aviation Czech Alert Service Bulletin (ALS) No. SB-000469/00 recommends periodical applications of Fuel Lubricity Improver Additive in operation of all GE M601 and H-series turboprop engines equipped with hydromechanical Fuel Control Unit (FCU).

Periodical application of the Lubricity Improver Additive (LIA) improves fuel lubricity and mitigates the risk of FCU delayed or no response to the movement of engine control lever.

GE Aviation Czech recommends the start of periodical use of Fuel Improver Additive as soon as possible but before next 100 flight hours with repetition period of LIA application no later than during every engine Type 2 inspection. For details refer to applicable Engine Maintenance Manual.

Recommended Lubricity Improver Additives and their concentrations

Lubricity Improver Additive	Minimum effective concentration [mg/l]	Maximum concentration [mg/l]
Hitec 580	15	23
Octel DCI-4A	9	23
Nalco 5403	12	23

NOTE: Do not exceed maximum concentrations.



This service letter is issued to inform L-410 aircraft operators:

- about issuance of GE Aviation Czech ALS No. SB-000469/00 with recommendation of application of Fuel Lubricity Improver Additive for all M601 and H-series GE turboprop engines with hydromechanical Fuel Control Unit (FCU).
- about expectation of GE Aviation Czech that the Alert Service Bulletin No. SB-000469/00 will be mandated by EASA Airworthiness Directive with effectivity date Jun-2024.

With respect to the above information Aircraft Industries, a.s. strictly recommends to L-410 aircraft operators to procure some of above recommended Fuel Lubricity Improver Additive at the earliest possible time to be prepared for its mandatory use.

Approval process of the lubricity improvers by Aircraft Industries, a.s. is proceeding. It is expected that this process will be completed and aircraft documentation revision will be issued before GE Aviation Czech Alert Service Bulletin become mandatory by EASA AD issuance.