

**SAE AMS1424 Type I Qualified Fluids\***  
**Fluids Qualified at AMIL**

for

**Aerodynamic and Anti-icing Endurance Performance**

(AMS1424 revision current with testing)

Last update: 2024-07-22

Company Name	Fluid Name	Type of Fluid	Type of Glycol	Qualified until (yyyy-mm-dd)		
				Aerodynamic (paragraph 3.5.3)		Anti-icing Performance (paragraph 3.5.2)
				High ramp	Low ramp	
<a href="#">ABAX Industries</a>	DE-950	AMS1424/1	PG	2026-06-01	2026-06-01	2026-06-01
<a href="#">ADDCON EUROPE GmbH</a>	IceFree I.80	AMS1424/1	PG	2021-03-14	2021-03-23	2021-03-14
<a href="#">Aéro Mag 2000</a>	DeiceX PG ADF Concentrate <sup>(4)</sup> (Multiple Location)	AMS1424/1	PG	Qualified from: 2023-06-15	Qualified from: 2023-06-28	Qualified from: 2023-06-15
<a href="#">ALAB Industries</a>	WDF 1	AMS1424/1	EG	2022-03-02	2022-03-19	2022-03-05
<a href="#">ALAB International</a>	PROFLIGHT EG1	AMS1424/1	EG	2025-06-01	2025-06-01	2025-06-01
<a href="#">AllClear Systems LLC</a>	Lift-Off E-188	AMS1424/1	EG	2026-06-01	2026-06-01	2026-06-01
	Lift-Off P-88	AMS1424/1	PG	2026-06-01	2026-06-01	2026-06-01
<a href="#">Arcton Ltd.</a>	Arctica DG ready-to-use	AMS1424/1	DEG	2022-03-28	2022-04-11	2022-03-26
<a href="#">ASGlobal</a>	Sky-Go EG	AMS1424/1	EG	2026-10-28	2022-05-27	2026-09-23
	Sky-Go PG	AMS1424/1	PG	2026-07-27	2022-07-21	2026-08-02
	Sky-Go PG 80	AMS1424/1	PG	2027-08-24	2023-09-14	2027-08-07
<a href="#">AVIAFLUID International Ltd</a>	AVIAFLO PG	AMS1424/1	PG	2022-02-10	2022-07-21	2022-02-10
	AVIAFLO EG <sup>(3)</sup>	AMS1424/1	EG	2021-06-19	2025-03-23	2025-04-06
<a href="#">Aviation Xi'an High-Tech Physical Chemical Co. Ltd.</a>	Cleanwing I	AMS1424/1	PG	2027-06-08	-	2027-06-09
	Cleanwing E <sup>(3)</sup>	AMS1424/1	EG	2028-06-01	2028-06-14	2028-06-01
	Cleanwing S-92 <sup>(3)</sup>	AMS1424/1	EG	2028-06-01	2028-06-21	2028-06-01
	KHF-1	AMS1424/1	PG	2027-06-08	-	2027-07-03
<a href="#">Beijing Wangye Aviation Chemical Product Co Ltd.</a>	KLA-1A	AMS1424/1	EG	2022-05-22	-	2022-05-23
<a href="#">Beijing Yadilite Aviation Advanced Materials Corporation</a>	YD-101 Type I	AMS1424/1	PG	2021-03-07	-	2021-03-07
	YD-101A Type I	AMS1424/1	EG	2025-03-10	-	2025-02-26
<a href="#">CHEMCO Inc.</a>	CHEMR EG I	AMS1424/1	EG	2028-06-01	2028-06-01	2028-06-01
	CHEMR REG I	AMS1424/1	EG	2026-06-01	2026-06-01	2026-06-01
<a href="#">Chongqing Joba Chemical Co., Ltd</a>	FW-I	AMS1424/1	EG	2025-11-09	2025-12-01	2025-11-07
<a href="#">Clariant Produkte (Deutschland) GmbH</a>	Octaflo EF Concentrate	AMS1424/1	PG	2022-03-28	2022-04-04	2022-03-29
	Safewing MP I 1938 ECO (80)	AMS1424/1	PG	2028-06-28	2028-06-19	2028-07-15
	Safewing MP I ECO PLUS (80)	AMS1424/1	PG	2027-06-01	2027-06-01	2027-06-01
	Safewing MP I LFD 80	AMS1424/1	PG	2025-04-15	2025-04-29	2025-05-28
	Safewing MP I LFD 80 Pre-mix 55%	AMS1424/1	PG	2027-06-01	-	2027-06-28
	Safewing MP I LFD 88	AMS1424/1	PG	2027-06-01	2027-06-28	2027-06-27
	Safewing MP I LFD Plus 88	AMS1424/1	PG	2026-06-01	2026-06-01	2026-06-01

**SAE AMS1424 Type I Qualified Fluids - Continued**

Company Name	Fluid Name	Type of Fluid	Type of Glycol	Qualified until (yyyy-mm-dd)		
				Aerodynamic (paragraph 3.5.3)		Anti-icing Performance (paragraph 3.5.2)
				High ramp	Low ramp	
<a href="#">Cryotech Deicing Technology</a>	Polar Plus® LT	AMS1424/1	PG	2028-06-01	2028-06-01	2028-06-01
	Polar Plus® LT (80)	AMS1424/1	PG	2028-06-01	2028-06-01	2028-06-15
<a href="#">Dow Inc.</a>	UCAR™ ADF Concentrate	AMS1424/1	EG	2027-06-01	2027-06-01	2027-06-01
	UCAR™ ADF XL54	AMS1424/1	EG	Refer to primary site qualification of UCAR™ ADF Concentrate		
	UCAR™ PG ADF Concentrate	AMS1424/1	PG	2027-06-01	2027-06-21	2027-06-01
	UCAR™ PG ADF Dilute 55/45	AMS1424/1	PG	Refer to primary site qualification of UCAR™ PG ADF Concentrate		
<a href="#">Heilongjiang Hangjie Aerochemical Technology Co. Ltd.</a>	HJF-1	AMS1424/1	EG	2021-07-03	-	2021-06-14
<a href="#">HOC Industries</a>	SafeTemp® ES Plus	AMS1424/1	PG	2028-07-11	2028-07-04	2028-07-18
<a href="#">Inland Technologies Inc.</a>	DuraGly-E Type I ADF Concentrate	AMS1424/1	EG	2023-02-20	2023-04-24	2023-02-08
	Inland ADF Concentrate <sup>(2)</sup> (Multiple Location)	AMS1424/1	EG	Qualified from 2015-09-04	Qualified from 2017-03-23	Qualified from 2015-09-04
	SafeTemp® ES Plus <sup>(1)</sup> (Multiple Location)	AMS1424/1	PG	Qualified from 2017-11-20	Qualified from 2017-11-20	Qualified from 2017-11-20
<a href="#">JSC RCP NORDIX</a>	DEFROST EG 88.1 <sup>(3)</sup>	AMS1424/1	EG	2025-04-13	2025-05-17	2025-05-17
	DEFROST PG 1	AMS1424/1	PG	2023-11-28	2023-12-17	2023-11-21
<a href="#">Kilfroast Limited</a>	Kilfroast DF Plus	AMS1424/1	PG	2027-06-01	2027-07-26	2027-06-26
	Kilfroast DF Plus (80)	AMS1424/1	PG	2024-07-14	2024-07-27	2024-07-22
	Kilfroast DF Plus (88)	AMS1424/1	PG	2023-06-19	2023-07-18	2023-06-05
	Kilfroast Ice Clear I	AMS1424/1	PG	2027-06-01	2027-06-01	2027-06-05
<a href="#">LNT Solutions</a>	LNT E188	AMS1424/1	EG	2025-08-13	2025-08-23	2025-09-01
	LNT P180	AMS1424/1	PG	2026-11-10	2026-12-01	2026-11-10
<a href="#">MKS DevO Chemicals.</a>	COREICEPHOB TYPE I	AMS1424/1	PG	2026-06-01	-	2026-06-01
<a href="#">Newave Aerochemical Co. Ltd.</a>	FCY-1A	AMS1424/1	EG	2027-06-01	2023-06-04	2027-06-01
	FCY-1Bio <sup>+</sup>	AMS1424/1	EG	2028-06-01	2025-06-22	2028-06-01
	FCY-1 Bio + (R)	AMS1424/1	EG	2025-12-08	-	2025-12-01
<a href="#">ROMCHIM PROTECT SRL</a>	ADD-PROTECT Type I	AMS1424/1	PG	2027-06-01	2027-06-01	2027-06-01
	ADD-PROTECT NG Type I	AMS1424/1	EG	2026-06-01	2026-06-01	2026-06-01
<a href="#">Shaanxi Cleanway Aviation Chemical Co., Ltd</a>	Cleansurface I	AMS1424/1	EG	2025-06-07	-	2025-06-09
	Cleansurface I-BIO	AMS1424/1	EG	2022-05-02	-	2022-05-03
<a href="#">TOPAN LLC</a>	TOPAN TYPE I	AMS1424/1	EG	2024-09-06	2024-08-04	2024-07-13
<a href="#">Xinjiang Zhongtian Liyang Aviation Newmaterial Technology Co.,Ltd</a>	Clearice-I	AMS1424/1	EG	2023-10-30	-	2023-10-24
	Clearice-IB	AMS1424/1	EG	2024-09-19	-	2024-08-04

(1) : Refer to preproduction qualification of SafeTemp® ES Plus submitted by HOC Industries.

(2) : DOW UCAR™ ADF Concentrate, sold under the product name Inland ADF Concentrate.

(3) : Fluid tested in HSR at -40°C and above, however this fluid will be tested below -40°C as soon as the new secure procedure for using nitrogen is established at AMIL.

(4) : DOW UCAR™ PG ADF Concentrate, sold under the product name DeiceX PG ADF Concentrate.

**NOTE:**

\* : These fluids are qualified according to the tests shown in the table. Other qualification tests, such as fluid stability, toxicity and materials compatibility, are equally required and should be obtained from the fluid manufacturer.