

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

**Fluids Qualified at AMIL**

**for**

**Aerodynamic and Anti-icing Endurance Performance**

(AMS1424 revision current with testing)

Last update: 2018-04-25

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 SPCA</a>	DE-950	AMS1424/1	PG	2022-04-25	2022-04-25	2022-04-25
<a href="#">ADDCON EUROPE GmbH</a>	IceFree I.80	AMS1424/1	PG	2021-03-14	2021-03-23	2021-03-14
<a href="#">ALAB Industries</a>	WDF 1	AMS1424/1	EG	2022-03-02	2022-03-19	2022-03-05
<a href="#">AllClear Systems LLC</a>	Lift-Off P-88	AMS1424/1	PG	2018-06-16	2018-06-11	2018-06-16
	Lift-Off E-188	AMS1424/1	EG	2018-07-15	2018-08-05	2018-07-15
<a href="#">Arcton Ltd.</a>	Arctica DG ready-to-use	AMS1424/1	DEG	2022-03-28	2022-04-11	2022-03-26
	Arctica DG 91 Concentrate	AMS1424/1	DEG	2017-07-16	2015-07-25	2017-07-29
<a href="#">AVIAFLUID International Ltd</a>	AVIAFLO PG	AMS1424/1	PG	2015-07-23	-	2015-08-12
	AVIAFLO EG	AMS1424/1	EG	2021-07-05	2021-07-12	2021-06-19
<a href="#">Aviation Shaanxi Hi-Tech Physical Chemical Co. Ltd.</a>	Cleanwing I	AMS1424/1	PG	2019-09-30	-	2019-09-30
<a href="#">Aviation Xi'an High-Tech Physical Chemical Co. Ltd.</a>	KHF-1	AMS1424/1	PG	2019-05-22	2007-10-24	2019-05-22
<a href="#">Baltic Ground Services</a>	DEFROSOL ADF	AMS1424/1	NCG	2015-03-18	2015-03-18	2015-03-18
<a href="#">Beijing Wangye Aviation Chemical Product Co Ltd.</a>	KLA-1	AMS1424/1	EG	2019-09-09	2007-09-08	2019-09-08
	KLA-1A	AMS1424/1	EG	2018-09-23	-	2018-09-26
<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	2021-03-07	-	2021-03-09
<a href="#">Boryszew S.A.</a>	Borygo Plane I	AMS1424/1	PG	2017-12-04	2018-02-01	2017-12-04
<a href="#">CHEMCO Inc.</a>	CHEMR EG I	AMS1424/1	EG	2020-04-01	2020-04-18	2020-04-01
	CHEMR REG I	AMS1424/1	EG	2016-07-08	2016-08-05	2016-07-08
<a href="#">Clariant Produkte (Deutschland) GmbH</a>	Octaflo EF Concentrate	AMS1424/1	PG	2022-03-28	2022-04-04	2022-03-29
	Octaflo EF-80	AMS1424/1	PG	2013-12-22	2014-01-07	2013-12-21
	Octaflo EG Concentrate	AMS1424/1	EG	2017-07-23	2018-08-08	2017-08-13
	Octaflo LYOD	AMS1424/1	EG	2020-03-31	2020-03-16	2020-03-23
	Safewing EG I 1996 (88)	AMS1424/1	EG	2019-10-15	2019-10-15	2019-10-15
	Safewing MP I 1938 ECO	AMS1424/1	PG	2020-05-11	2020-05-17	2020-05-25
	Safewing MP I 1938 ECO (80)	AMS1424/1	PG	2020-06-02	2020-05-20	2020-05-27
	Safewing MP I 1938 ECO (80) Premix 55% i.g. ready-to-use	AMS1424/1	PG	2021-03-06	-	2021-02-24
	Safewing MP I ECO PLUS (80)	AMS1424/1	PG	2019-03-13	2019-04-08	2019-03-24
	Safewing MP I LFD 88	AMS1424/1	PG	2019-04-06	2019-04-20	2019-04-10

**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®	AMS1424/1	PG	2020-01-13	2020-01-13	2020-01-13
	Polar Plus® LT	AMS1424/1	PG	2020-02-05	2020-02-10	2020-01-26
	Polar Plus® LT (80)	AMS1424/1	PG	2020-04-12	2020-04-20	2020-04-26
	Polar Plus® (80)	AMS1424/1	PG	2017-09-12	2017-11-07	2017-09-12
<a href="#">Dow Chemical Company</a>	UCAR™ ADF Concentrate	AMS1424/1	EG	2019-05-11	2019-05-28	2019-05-11
	UCAR™ ADF XL54	AMS1424/1	EG	Refer to primary site qualification of UCAR™ ADF Concentrate		
	UCAR™ PG ADF Concentrate	AMS1424/1	PG	2019-05-11	2019-05-11	2019-05-11
	UCAR™ PG ADF Dilute 55/45	AMS1424/1	PG	Refer to primary site qualification of UCAR™ PG ADF Concentrate		
<a href="#">DR ENERGY GROUP Ltd</a>	Northern Guard I	AMS1424/1	EG	2017-06-16	-	2017-06-16
<a href="#">Gansu xiexin huineng Science and technology development Co.,Ltd.</a>	XHN-1	AMS1424/1	PG DEG	2019-10-04	-	2019-10-13
<a href="#">Heilongjiang Hangjie Aero-chemical Technology Co. Ltd.</a>	HJF-1	AMS1424/1	EG	2021-07-03	-	2021-06-14
	HJF-1A	AMS1424/1	EG	2016-09-02	-	2016-09-12
<a href="#">HOC Industries</a>	SafeTemp® ES Plus	AMS1424/1	PG	2020-04-12	2020-04-20	2020-04-28
<a href="#">Hokkaido NOF Corporation</a>	Fever Snow AG	AMS1424/1	NCG	2017-07-15	2017-07-30	2017-07-23
<a href="#">Inland Technologies Inc.</a>	DuraGly-E Type I ADF Concentrate	AMS1424/1	EG	2019-01-20	2019-02-11	2019-01-13
	DuraGly-P Type I ADF Concentrate	AMS1424/1	PG	2015-02-13	2015-02-20	2015-02-04
	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	2018-08-29	-	2018-08-29
<a href="#">Kilfroast Limited</a>	Kilfroast DF Plus	AMS1424/1	PG	2019-07-16	2019-07-21	2019-07-16
	Kilfroast DF Plus (80)	AMS1424/1	PG	2020-05-05	2020-05-17	2020-05-02
	Kilfroast DF Plus (88)	AMS1424/1	PG	2019-07-16	2019-07-21	2019-07-16
	Kilfroast DF <sup>Sustain</sup>	AMS1424/1	NCG	2019-08-06	2019-08-12	2019-09-02
<a href="#">LNT Solutions</a>	LNT E188	AMS1424/1	EG	2021-08-22	2021-09-21	2021-08-22
	LNT P180	AMS1424/1	PG	2017-10-04	2017-10-24	2017-10-04
	LNT P188	AMS1424/1	PG	2018-11-28	2018-12-12	2018-11-28
<a href="#">Newave Aerochemical Co. Ltd.</a>	FCY-1A	AMS1424/1	EG	2019-02-20	2019-04-15	2019-02-20
	FCY-1Bio <sup>+</sup>	AMS1424/1	EG	2020-07-28	-	2020-07-22
<a href="#">Oksayd Co. Ltd.</a>	DEFROST ECO 1	AMS1424/2	NG	2016-07-15	-	2016-07-09
	DEFROST EG 88.1	AMS1424/1	EG	2021-04-27	2019-04-24	2021-04-25
	DEFROST PG 1	AMS1424/1	PG	2019-10-18	2019-10-26	2019-10-18
<a href="#">Shaanxi Cleanway Aviation Chemical Co., Ltd</a>	Cleansurface I	AMS1424/1	EG	2021-08-22	2013-10-21	2021-08-22
	Cleansurface I-BIO	AMS1424/1	EG	2018-07-11	-	2018-07-15
<a href="#">Xinjiang Zhongtian Liyang Chemical Technology Co.,Ltd</a>	Clearice-I	AMS1424/1	EG	2019-05-24	-	2019-05-25
<a href="#">Velvana a.s.</a>	AIRVEL OK 1	AMS1424/1	PG	2017-01-28	2017-02-11	2017-02-02

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

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