

# Tankfarms Pre\_Season Winter Season 2021/2022

(NICE FRA Laboratory Test Results)



Aircraft Services & Support GmbH

Method: Brookfield; Spindle LV2; 0,3 rpm; 10 min; 20°C;250ml

Type IV: AMS 1428

Type IV Kilfrost ABC-S Plus Limits:

	R/I min.	R/I max.	pH min.	pH max.	Visc. min.	Visc. max.	
Type IV: AMS 1428	100%	1,3900	1,3930	6,0	8,0	17.900	44.000
Type I: AMS 1424	100%	1,4175	1,4205	7,0	10,0	n/a	n/a

Source: Kilfrost ABC-S Plus, Technical Data sheet, July 2021

Source: Kilfrost DF Plus, Technical Data sheet, July 2021

Tankfarm	TA 1 Tank 1 Typ I	TA 1 Tank 2 Typ I	TA 1 Tank 3 Typ I	TA 1 Tank 4 Typ I	TA 1 Tank 11 Typ I	TA 1 Tank 12 Typ I	TA 1 Tank 1 Typ IV	TA 1 Tank 2 Typ IV	TA 1 Tank 3 Typ IV	TA 1 Tank 4 Typ IV	TA 1 Tank 5 Typ IV	TA 1 Tank 6 Typ IV	TA 1 Tank 7 Typ IV	TA 1 Tank 8 Typ IV	TA 1 Tank 11 Typ IV	TA 1 Tank 12 Typ IV
Fluid producer	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus
Sampling Date	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21
Date of Analysis	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21
Appearance	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear
Refractive Index	1,4199	1,4192	1,4195	1,4190	1,4191	1,4194	1,3919	1,3921	1,3921	1,3917	1,3920	1,3919	1,3918	1,3918	1,3920	1,3917
pH Value	8,76	8,82	8,79	8,77	8,75	8,81	7,02	6,99	7,08	7,08	7,11	7,13	7,02	7,10	7,11	7,12
Viscosity	n/a	n/a	n/a	n/a	n/a	n/a	28.694	29.194	30.894	25.994	25.695	27.994	26.794	30.893	26.094	26.094
Temperature	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C
Status	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok

Tankfarm	TA 2 Tank 1 Typ I	TA 2 Tank 2 Typ I	TA 2 Tank 3 Typ I	TA 2 Tank 4 Typ I	TA 2 Tank 1 Typ IV	TA 2 Tank 2 Typ IV	TA 2 Tank 3 Typ IV	TA 2 Tank 4 Typ IV	TA 2 Tank 5 Typ IV	TA 2 Tank 6 Typ IV
Fluid producer	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus
Sampling Date	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21	09.09.21
Date of Analysis	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21
Appearance	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear
Refractive Index	1,4187	1,4189	1,4190	1,4189	1,3923	1,3920	1,3916	1,3919	1,3916	1,3917
pH Value	8,47	8,60	8,72	8,83	6,85	6,90	6,84	6,87	6,82	6,87
Viscosity	n/a	n/a	n/a	n/a	26.794	26.594	25.994	25.794	23.995	25.095
Temperature	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C
Status	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok

Tankfarm	TA 3 Tank 1 Typ I	TA 3 Tank 2 Typ I	TA 3 Tank 3 Typ I	TA 3 Tank 11 Typ I	TA 3 Tank 12 Typ I	TA 3 Tank 13 Typ I	TA 3 Tank 14 Typ I	TA 3 Tank 1 Typ IV	TA 3 Tank 2 Typ IV	TA 3 Tank 3 Typ IV	TA 3 Tank 4 Typ IV	TA 3 Tank 11 Typ IV	TA 3 Tank 12 Typ IV	TA 3 Tank 13 Typ IV	TA 3 Tank 14 Typ IV	TA 3 Tank 15 Typ IV	TA 3 Tank 16 Typ IV	TA 3 Tank 17 Typ IV	TA 3 Tank 18 Typ IV
Fluid producer	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost DF Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus	Kilfrost ABC-S Plus
Sampling Date	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21
Date of Analysis	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	10.09.21	13.09.21
Appearance	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear	clear
Refractive Index	1,4183	1,4186	1,4188	1,4187	1,4188	1,4188	1,4189	1,3914	1,3918	1,3918	1,3915	1,3917	1,3917	1,3916	1,3917	1,3916	1,3917	1,3917	1,3917
pH Value	8,43	8,50	8,55	8,59	8,59	8,68	8,77	6,83	6,82	6,90	6,90	6,81	6,82	6,84	6,87	6,80	6,85	6,97	6,97
Viscosity	n/a	n/a	n/a	n/a	n/a	n/a	n/a	26.594	27.094	24.995	26.494	24.795	25.794	27.994	26.594	26.794	26.094	23.995	23.995
Temperature	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C	20° C
Status	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok