

## SAE AMS 1428 Type IV Fluids

### Minimum Periodic Requalification Test Requirements

Anti-Icing Performance- Aerodynamic Acceptance Tests

Number of tests and description				Volume <sup>5</sup> of fluid required (L)
WSET <sup>1</sup>	HHET <sup>2</sup>	FPET <sup>3</sup> High Speed Ramp	Physical <sup>4</sup> Properties	
6	6	30	3	60

<sup>(1)</sup>WSET : Water Spray Endurance Test, (2 tests per dilution)

<sup>(2)</sup>HHET : High Humidity Endurance Test, (2 tests per dilution)

<sup>(3)</sup>FPET : Flat Plate Elimination Test, (High Speed Ramp)

<sup>(4)</sup>Physical Properties : Viscosity, surface tension, refractive index and pH

<sup>(5)</sup>Volume of fluid required, (if FPET Low Speed Ramp is required, 20 additional litres should be provided)