Method	Item	Remark	Difference	Accessoires	Temperature
D287	API Gravity	Crude Petroleum and Petroleum Products	60/60F	25T3800 API Gravity hydrometer ASTM, 1H-62, -1+11:0,1°API 25T3801 API Gravity hydrometer ASTM, 2H-62, 9+21:0,1°API 25T3802 API Gravity hydrometer ASTM, 3H-62, 19+31:0,1°API 25T3803 API Gravity hydrometer ASTM, 4H-62, 29+41:0,1°API 25T3804 API Gravity hydrometer ASTM, 5H-62, 39+51:0,1°API 25T3805 API Gravity hydrometer ASTM, 6H-62, 49+61:0,1°API 25T3806 API Gravity hydrometer ASTM, 7H-62, 59+71:0,1°API 25T3807 API Gravity hydrometer ASTM, 8H-62, 69+81:0,1°API 25T3808 API Gravity hydrometer ASTM, 9H-62, 79+91:0,1°API 25T3809 API Gravity hydrometer ASTM, 10H-62, 89+101:0,1°API	Values are determined at existing temperatures and corrected to values at 60 °F (15.56 °C), or converted to values at 60 °F, by means of Adjunct to D1250 Standard Guide for the Use of the Joint API and ASTM Adjunct for Temperature and Pressure Volume Correction Factors for Generalized Crude Oils, Refined Products, and Lubricating Oils (API MPMS Chapter.
D891A	(Specific Gravity)	Liquid Industrial Chemicals	Procedure A is by means of a hydrometer (is less preferred, but quick analysis. Procedure B is met pycnometer. Also see ASTM-D70	25T3870 Specific Gravity hydrometer ASTM, 82H-62, 0.650-0.700 25T3871 Specific Gravity hydrometer ASTM, 83H-62, 0.700-0.750 25T3872 Specific Gravity hydrometer ASTM, 84H-62, 0.750-0.800 25T3873 Specific Gravity hydrometer ASTM, 85H-62, 0.800-0.850 25T3874 Specific Gravity hydrometer ASTM, 86H-62, 0.850-0.900 25T3875 Specific Gravity hydrometer ASTM, 87H-62, 0.900-0.950 25T3876 Specific Gravity hydrometer ASTM, 88H-62, 0.950-1.000 25T3877 Specific Gravity hydrometer ASTM, 89H-62, 1.000-1.050 25T3878 Specific Gravity hydrometer ASTM, 90H-62, 1.050-1.100 25T3879 Specific Gravity hydrometer ASTM, 113H-63, 1.100-1.150 25T3880 Specific Gravity hydrometer ASTM, 114H-62, 1.150-1.200 25T3881 Specific Gravity hydrometer ASTM, 115H-62, 1.200-1.250	Specific gravity, apparent, at 15.56/15.56°C, Specific gravity, apparent, at 20/20°C, Specific gravity, apparent, at 25/25°C, or Specific gravity, apparent, at 60/60°F
D1122	Relative Density	Engine Coolant Concentrates and Engine Coolants		25T3900 Specific Gravity hydrometer ASTM, 111H-62, 1.000-1.050 25T3901 Specific Gravity hydrometer ASTM, 112H-62, 1.050-1.100 25T3902 Specific Gravity hydrometer ASTM, 113H-62, 1.100-1.150 25T3903 Specific Gravity hydrometer ASTM, 114H-62, 1.150-1.200 25T3904 Specific Gravity hydrometer ASTM, 115H-62, 1.200-1.250 25T3905 Specific Gravity hydrometer ASTM, 116H-62, 1.250-1.300 25T3906 Specific Gravity hydrometer ASTM, 117H-62, 1.300-1.350	25 °C, 20 °C, and 15.6 °C are commonly used temperatures.
D1298	Density, Relative density or API Gravity	of crude petroleum, petroleum products, or mixtures of petroleum and nonpetroleum products normally handled as liquids	In the USA they use API gravity hydrometers, but the rest of the world is at 15C, as shown here.	25T2401W Hydrometer L50SP @15°C 0.600-0.650 25T2402W Hydrometer L50SP @15°C 0.650-0.700 25T2403W Hydrometer L50SP @15°C 0.700-0.750 25T2404W Hydrometer L50SP @15°C 0.750-0.800 25T2405W Hydrometer L50SP @15°C 0.800-0.850 25T2406W Hydrometer L50SP @15°C 0.850-0.900 25T2407W Hydrometer L50SP @15°C 0.900-0.950 25T2408W Hydrometer L50SP @15°C 0.950-1.000 25T2409W Hydrometer L50SP @15°C 1.000-1.050 25T2410W Hydrometer L50SP @15°C 1.050-1.100	15C of 60F (Europa uses also 20C)
D1429	Specfic Gravity	Water and Brine	Tamson offers only Method "D"for Hydrometers	25T3880B Density thermo-hydrometer ASTM, 1.000-1.1000 25T3881B Density thermo-hydrometer ASTM, 1.100-1.2000 25T3882B Density thermo-hydrometer ASTM, 1.200-1.3000	60F
D3142	Density,	Liquid Asphalts	You can use five different types of hydrometers. Thes are the ones Tamson is offering so far.	25T3800 API Gravity hydrometer ASTM, 1H-62, -1+11:0,1°API 25T3801 API Gravity hydrometer ASTM, 2H-62, 9+21:0,1°API 25T3802 API Gravity hydrometer ASTM, 3H-62, 19+31:0,1°API 25T3803 API Gravity hydrometer ASTM, 4H-62, 29+41:0,1°API	15C, of 60F.
D6822	Density, Relative density or API Gravity	Crude Petroleum and liquidPetroleum Products	All methods use a separate thermometer in the hydrometer. This method uses them combined, so called thermo-hydrometers.	25T3850B Density thermo-hydrometer ASTM, S500HL-14, 0.600-0.650 25T3851B Density thermo-hydrometer ASTM, S501HL-14, 0.650-0.700 25T3852B Density thermo-hydrometer ASTM, S502HL-14, 0.700-0.750 25T3853B Density thermo-hydrometer ASTM, S503HL-14, 0.750-0.800 25T3854B Density thermo-hydrometer ASTM, S504HL-14, 0.800-0.850 25T3855B Density thermo-hydrometer ASTM, S505HL-14, 0.850-0.900 25T3856B Density thermo-hydrometer ASTM, S506HL-14, 0.900-0.950 25T3857B Density thermo-hydrometer ASTM, S507HL-14, 0.950-1.000 25T3858B Density thermo-hydrometer ASTM, S508HL-14, 1.000-1.050 25T3859B Density thermo-hydrometer ASTM, S509HL-14, 1.050-1.100	15C of 60F+A2:F8

Source = dichtheidsnormen (1298).xlsx