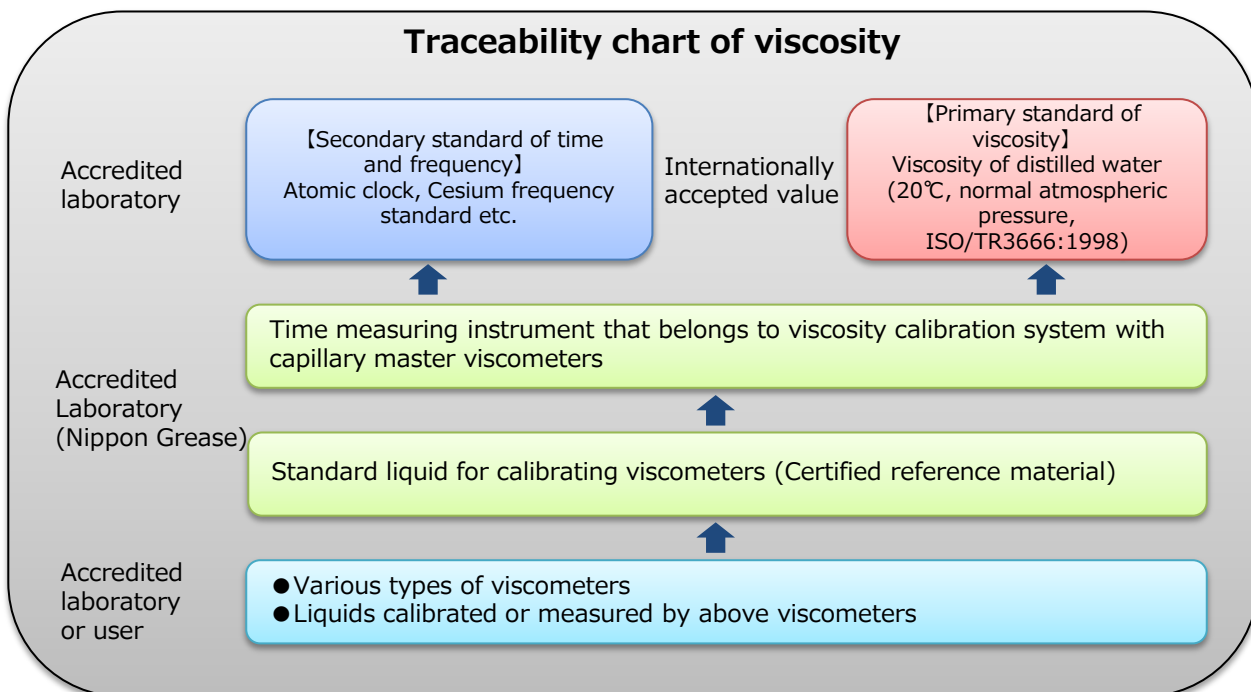


Japan Calibration Service System ("JCSS")

Standard Liquids for Calibrating Viscometers

It is essential to calibrate viscometers with using viscosity standards for accurate measurements of viscosity. Nippon Grease's Standard Liquids for Calibrating Viscometers ("SLCV") assure the traceability to the National Measurement Standards. It is the sole reference standards for Calibrating Viscometers which comply with Japanese Industrial Standards ("JIS"). Nippon Grease Co. has been a Japan Calibration Service System ("JCSS") accredited laboratory (scope: viscosity) since 2012.



Wako Cat. No.	Product Name	Pkg. size
630-48385	Standard Liquids for Calibrating Viscometers JS2.5	500 mL
637-48395	Standard Liquids for Calibrating Viscometers JS5	500 mL
630-48405	Standard Liquids for Calibrating Viscometers JS10	500 mL
637-48415	Standard Liquids for Calibrating Viscometers JS20	500 mL
634-48425	Standard Liquids for Calibrating Viscometers JS50	500 mL
631-48435	Standard Liquids for Calibrating Viscometers JS100	500 mL
638-48445	Standard Liquids for Calibrating Viscometers JS200	500 mL
635-48455	Standard Liquids for Calibrating Viscometers JS500	500 mL
632-48465	Standard Liquids for Calibrating Viscometers JS1000	500 mL
639-48475	Standard Liquids for Calibrating Viscometers JS2000	500 mL
636-48485	Standard Liquids for Calibrating Viscometers JS14000	500 mL
633-48495	Standard Liquids for Calibrating Viscometers JS52000	500 mL
636-48505	Standard Liquids for Calibrating Viscometers JS160000	500 mL

Under the JCSS calibration laboratory accreditation system, Nippon Grease's calibration laboratory is assessed and accredited as Accredited Calibration Laboratories to meet the requirements of the Measurement Law, relevant regulations and ISO/IEC 17025.



International Accreditation Japan ("IAJapan") and National Institute of Technology and Evaluation ("NITE") play as the accreditation body of JCSS and conducts accreditation process with the system conforming to ISO/IEC 17011 and relevant international criteria.

The correct traceable measurements based on the standards between companies/countries provide assurance in regards to the characteristic values of the materials, and provide the guarantee of the product quality.

Specifications



Grade	Kinetic Viscosity mm ² /s				Viscosity mPa/s				Unopened Liquid Annual Change Rate in Kinetic Viscosity		Pack age	Attach ment		
	Reference Value	Approximate Value			Approximate Value				JIS Allowable Limits	Example of Actual Measure Value				
		20°C	25°C	30°C	40°C	20°C	25°C	30°C					40°C	
JS2.5	2.5	-	2.1	1.8	2	-	1.6	1.4	Within +/- 0.2%	0.06%	Narrow-mouthed Glass Bottle	Calibration Certificate		
JS5	5	-	3.9	3.2	4.1	-	3.2	2.5		0.03%				
JS10	10	-	7.4	5.7	8.4	-	6.1	4.6		0.04%				
JS20	20	-	14	10	17	-	11	8.2		0.05%				
JS50	50	-	32	21	43	-	27	18		0.01%				
JS100	100	-	59	38	86	-	51	32		0.03%				
JS200	200	-	110	66	170	-	95	56		0.01%				
JS500	500	-	260	150	440	-	230	130	0.07%					
JS1000	1000	-	500	270	890	-	430	230	0.06%	Within +/- 0.4%			Wide-mouthed Glass Bottle	
JS2000	2000	-	940	480	1800	-	820	420	0.05%					
JS14000	14000	-	5500	2400	12000	-	4800	2100	0.08%					
JS52000	52000	-	20000	8500	46000	-	18000	7500	0.08%	Within +/- 1.0%				
JS160000	160000	100000	-	-	140000	90000	-	-	0.07%					

"JIS Z 8809 SLCV" should be handled properly accordingly to the following conditions:

- The containers shall be tightly closed and kept at room temperature avoiding heat and/or light.
- Once the standard liquids are used, it shall not be put back into the original container.
- Reusing the standard liquids must be avoided, and once the container is opened, the standard liquids should be used as soon as possible.

Listed products are intended for laboratory research use only, and not to be used for drug, food or human use. / Please visit FUJIFILM Wako Laboratory Chemicals site: <https://labchem-wako.fujifilm.com/> / This leaflet may contain products that cannot be exported to your country due to regulations. / Bulk quote requests for some products are welcomed. Please contact us.

FUJIFILM Wako Laboratory Chemicals site
<https://labchem-wako.fujifilm.com>

FUJIFILM Wako Pure Chemical Corporation
 1-2, Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan
 Tel: +81 6 6203 3741 Fax: +81 6 6203 1999
 ffwk-cserservice@fujifilm.com

FUJIFILM Wako Chemicals U.S.A. Corporation
 1600 Bellwood Road, Richmond, VA 23237, U.S.A.
 Toll-Free (U.S. only): +1 877 714 1920
 Tel: +1 804 271 7677 Fax: +1 804 271 7791
 wkuslabchem@fujifilm.com

FUJIFILM Wako Chemicals Europe GmbH
 Fuggerstr 12, 41468 Neuss, Germany
 Tel: +49 2131 311 0 Fax: +49 2131 311 100
 labchem_wkeu@fujifilm.com