



An important note to our customers:

As part of our quality commitment to continuous improvement, CANNON is in the process of changing formulations for several of our more popular viscosity standards.

In many cases this involves a shift in raw materials from some mineral oil base stocks to polyalphaolefin (PAO) materials.

Extensive empirical testing has suggested that the new formulations will offer an improvement in stability and "curve fitting" of viscosity data across a wide temperature scale, with less potential for variation in the viscosity results as a function of shear rate.

These improvements will enhance the reliability and performance of our standards even though they will be largely "invisible" since the product names will not change.

However, some of the viscosity/density values for the new formulations may vary significantly from the historic nominal values for a given product at a given temperature.

Updated viscosity data will be available online at the CANNON website (www.cannoninstrument.com) and in our new 2007-2008 Catalog. We will also be including documentation with shipments of the affected standards indicating the nature and extent of the changes. Online MSDS information will also be updated as necessary.

If you have specific questions regarding these changes, please contact us.

As always, we thank you for your support, and remain committed to working with you to ensure the quality of our products and services.

CANNON Customer Service

The first two tables below provide specific data for three popular CANNON standards, S200, N350 and S600. The graphical analysis demonstrates variation from the historical nominal values for these standards. The third table provides current nominal values for additional products in CANNON's recently-expanded standard line, including potential replacement standards for applications requiring temperature/viscosity values closer to the original nominal values.

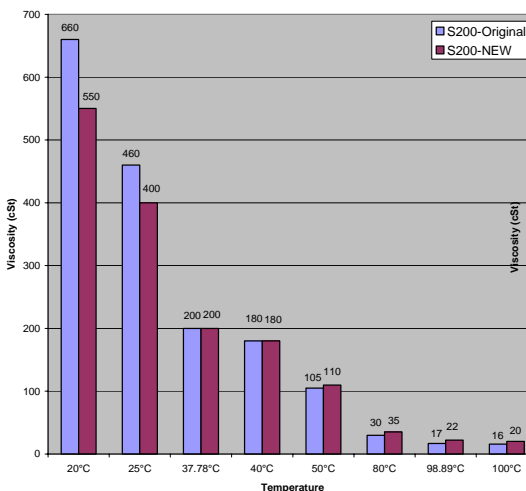
To obtain a complete list of CANNON standards, as well as current nominal values for other general purpose standards that may have been similarly affected by recent formulation changes, view the viscosity standard pages at our website (www.cannoninstrument.com) or contact CANNON Instrument Company, 2139 High Tech Road, State College, PA 16803. PHONE: 814-353-8000; FAX: 814-353-8007; E-MAIL: cannon@cannoninstrument.com

Catalog Number	Viscosity Standard	PREVIOUS Kinematic Viscosity in mm ² /s (Centistokes)							
		20°C	25°C	37.78°C	40°C	50°C	80°C	98.89°C	100°C
9728-C45	S200	660	460	200	180	105	30	17	16
9728-C47	N350	1300	850	350	310	170	46	24	23
9728-C50	S600	2400	1600	600	520	280	67	34	33

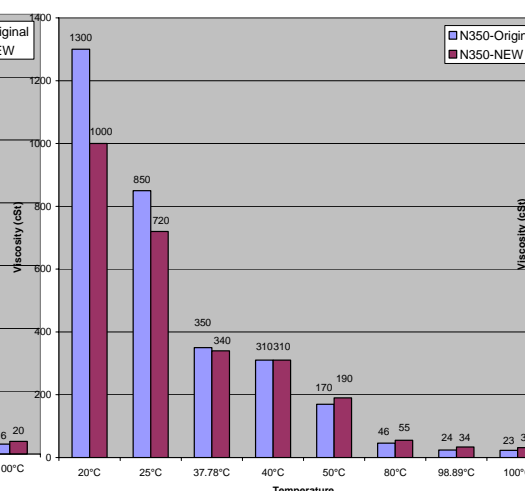
Catalog Number	Viscosity Standard	CURRENT Kinematic Viscosity in mm ² /s (Centistokes)							
		20°C	25°C	37.78°C	40°C	50°C	80°C	98.89°C	100°C
9728-C45	S200	550	400	200	180	110	35	22	20
9728-C47	N350	1000	720	340	310	190	55	34	32
9728-C50	S600	1800	1300	580	520	310	92	51	50

Catalog Number	Viscosity Standard	ADDITIONAL STOCK STANDARDS (KV in Centistokes)							
		20°C	25°C	37.78°C	40°C	50°C	80°C	98.89°C	100°C
9728-C38	N44	110	86	48	44	30	12	7.7	7.5
9728-C40	S60	160	120	60	54	35	12	7.7	7.5
9728-C41	N75	200	150	82	75	50	19	12	12
9728-C42	N100	330	230	110	97	60	19	11	11
9728-C43	N140	400	300	160	140	90	31	19	18
9728-C45	S200	550	400	200	180	110	35	22	20
9728-C46	N250	770	570	280	250	160	51	30	29
9728-C47	N350	1000	720	340	310	190	55	34	32
9728-C48	N415	1400	990	470	420	250	77	43	41
9728-C50	S600	1800	1300	580	520	310	92	51	50
9728-C51	N750	2600	1900	850	750	440	130	68	66
9728-C52	N1000	3400	2400		940	550	150		80

S200 Nominal Viscosity



N350 Nominal Viscosity



S600 Nominal Viscosity

