



**Distribution Specialists, Inc.**  
43671 Trade Center Place, Suite 110  
Sterling, VA 20166-2118  
Phone: 703.996.8142  
Toll free: 726.8853  
Fax: 703.996.8143  
E-mail: sales@DSI-Ltd.com

# ***PRODUCT FACT SHEET***

**VISGAGE®**  
Order code DS K20



The VISGAGE checks oil viscosity on-site; without thermometers or stop watches. It is widely used to check any oil from light spindle oils to heavy gear oils. Regular users of the VISGAGE include nearly every type of industry in the world, i.e., railroads, truck and bus lines, marine fleets, power plants, laboratories, oil distributors, etc. The VISGAGE is one of the most useful instruments ever devised to aid in an on-site oil analysis program. Quality control can be assured when the VISGAGE is used regularly to verify oil viscosity.

The VISGAGE operates on the principle of comparing the viscosity of a sample of oil with an oil of known viscosity. The viscosity reading is determined at room temperature and reported directly in Centistokes at 40 degrees Celsius. No calculations are necessary. With proper care, operators can obtain an accuracy of 95% or better. The VISGAGE is more widely used throughout the world than any other type of viscometer, for two very good reasons: Better accuracy and ease of operation. Operators in the field can consistently test as accurately as, and faster than, most commercial laboratories. The VISGAGE is an ideal tool for obtaining immediate viscosity test results.

See page 2 for a Fuel Dilution Chart for use with the VISGAGE.

**Using the VISGAGE to Determine Fuel Dilution of Engine Oil**

This chart is based on dilution with 3 cSt fuel.  
All viscosities are in cSt @ 40°C.

Step 1. Pick the column headed by the viscosity nearest to that of the **new engine oil**.

Step 2: In that column, find the viscosity nearest that of the **used engine oil**.

Step 3: Read across horizontally to the approximate percent fuel dilution in either of the outside columns.

0	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	0
1	58	77	96	114	133	152	170	189	207	226	244	263	281	300	318	1
2	56	74	91	109	126	144	161	179	196	213	230	247	264	281	298	2
3	54	71	87	104	120	137	153	169	185	201	216	232	248	264	279	3
4	52	68	83	99	114	130	145	160	174	189	204	218	233	247	262	4
5	50	65	80	94	109	123	137	151	165	178	192	205	219	232	245	5
6	48	62	76	90	104	117	130	143	156	168	181	193	206	218	230	6
7	46	60	73	86	99	111	123	135	147	159	171	182	194	205	216	7
8	45	58	70	82	94	106	117	128	139	150	161	172	182	193	203	8
9	43	55	67	78	90	100	111	121	132	142	152	162	172	181	191	9
10	42	53	64	75	85	95	105	115	125	134	143	153	162	170	179	10
11	40	51	61	72	81	91	100	109	118	127	135	144	152	161	169	11
12	39	49	59	68	78	86	95	104	112	120	128	136	144	151	159	12
13	37	47	56	65	74	82	90	98	106	114	121	128	135	142	149	13
14	36	45	54	63	71	78	86	93	101	108	114	121	128	134	141	14
15	35	44	52	60	67	75	82	89	95	102	108	115	121	127	133	15

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