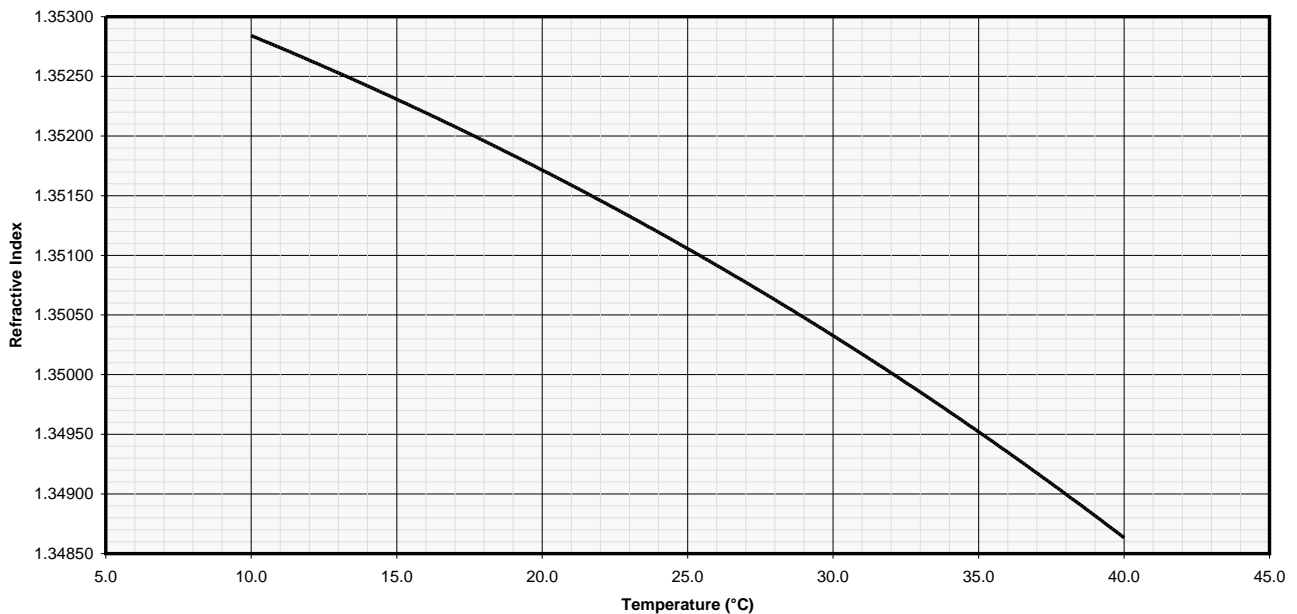


AG12.5 Refractometer Calibration Fluid Refractive Index Temperature Relationship

| Temperature (°C) | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 10 | 1.35284 | 1.35283 | 1.35282 | 1.35281 | 1.35280 | 1.35279 | 1.35278 | 1.35277 | 1.35276 | 1.35275 |
| 11 | 1.35274 | 1.35273 | 1.35272 | 1.35271 | 1.35270 | 1.35269 | 1.35268 | 1.35267 | 1.35266 | 1.35265 |
| 12 | 1.35263 | 1.35262 | 1.35261 | 1.35260 | 1.35259 | 1.35258 | 1.35257 | 1.35256 | 1.35255 | 1.35254 |
| 13 | 1.35253 | 1.35252 | 1.35251 | 1.35250 | 1.35248 | 1.35247 | 1.35246 | 1.35245 | 1.35244 | 1.35243 |
| 14 | 1.35242 | 1.35241 | 1.35240 | 1.35239 | 1.35237 | 1.35236 | 1.35235 | 1.35234 | 1.35233 | 1.35232 |
| 15 | 1.35231 | 1.35230 | 1.35229 | 1.35227 | 1.35226 | 1.35225 | 1.35224 | 1.35223 | 1.35222 | 1.35221 |
| 16 | 1.35219 | 1.35218 | 1.35217 | 1.35216 | 1.35215 | 1.35214 | 1.35212 | 1.35211 | 1.35210 | 1.35209 |
| 17 | 1.35208 | 1.35207 | 1.35205 | 1.35204 | 1.35203 | 1.35202 | 1.35201 | 1.35200 | 1.35198 | 1.35197 |
| 18 | 1.35196 | 1.35195 | 1.35194 | 1.35192 | 1.35191 | 1.35190 | 1.35189 | 1.35187 | 1.35186 | 1.35185 |
| 19 | 1.35184 | 1.35183 | 1.35181 | 1.35180 | 1.35179 | 1.35178 | 1.35176 | 1.35175 | 1.35174 | 1.35173 |
| 20 | 1.35171 | 1.35170 | 1.35169 | 1.35168 | 1.35166 | 1.35165 | 1.35164 | 1.35163 | 1.35161 | 1.35160 |
| 21 | 1.35159 | 1.35158 | 1.35156 | 1.35155 | 1.35154 | 1.35152 | 1.35151 | 1.35150 | 1.35149 | 1.35147 |
| 22 | 1.35146 | 1.35145 | 1.35143 | 1.35142 | 1.35141 | 1.35139 | 1.35138 | 1.35137 | 1.35135 | 1.35134 |
| 23 | 1.35133 | 1.35131 | 1.35130 | 1.35129 | 1.35127 | 1.35126 | 1.35125 | 1.35123 | 1.35122 | 1.35121 |
| 24 | 1.35119 | 1.35118 | 1.35117 | 1.35115 | 1.35114 | 1.35113 | 1.35111 | 1.35110 | 1.35108 | 1.35107 |
| 25 | 1.35106 | 1.35104 | 1.35103 | 1.35101 | 1.35100 | 1.35099 | 1.35097 | 1.35096 | 1.35094 | 1.35093 |
| 26 | 1.35092 | 1.35090 | 1.35089 | 1.35087 | 1.35086 | 1.35085 | 1.35083 | 1.35082 | 1.35080 | 1.35079 |
| 27 | 1.35077 | 1.35076 | 1.35074 | 1.35073 | 1.35072 | 1.35070 | 1.35069 | 1.35067 | 1.35066 | 1.35064 |
| 28 | 1.35063 | 1.35061 | 1.35060 | 1.35058 | 1.35057 | 1.35055 | 1.35054 | 1.35052 | 1.35051 | 1.35049 |
| 29 | 1.35048 | 1.35046 | 1.35045 | 1.35043 | 1.35042 | 1.35040 | 1.35039 | 1.35037 | 1.35036 | 1.35034 |
| 30 | 1.35033 | 1.35031 | 1.35030 | 1.35028 | 1.35027 | 1.35025 | 1.35023 | 1.35022 | 1.35020 | 1.35019 |
| 31 | 1.35017 | 1.35016 | 1.35014 | 1.35012 | 1.35011 | 1.35009 | 1.35008 | 1.35006 | 1.35005 | 1.35003 |
| 32 | 1.35001 | 1.35000 | 1.34998 | 1.34997 | 1.34995 | 1.34993 | 1.34992 | 1.34990 | 1.34989 | 1.34987 |
| 33 | 1.34985 | 1.34984 | 1.34982 | 1.34980 | 1.34979 | 1.34977 | 1.34975 | 1.34974 | 1.34972 | 1.34971 |
| 34 | 1.34969 | 1.34967 | 1.34966 | 1.34964 | 1.34962 | 1.34961 | 1.34959 | 1.34957 | 1.34955 | 1.34954 |
| 35 | 1.34952 | 1.34950 | 1.34949 | 1.34947 | 1.34945 | 1.34944 | 1.34942 | 1.34940 | 1.34938 | 1.34937 |
| 36 | 1.34935 | 1.34933 | 1.34932 | 1.34930 | 1.34928 | 1.34926 | 1.34925 | 1.34923 | 1.34921 | 1.34919 |
| 37 | 1.34918 | 1.34916 | 1.34914 | 1.34912 | 1.34911 | 1.34909 | 1.34907 | 1.34905 | 1.34903 | 1.34902 |
| 38 | 1.34900 | 1.34898 | 1.34896 | 1.34894 | 1.34893 | 1.34891 | 1.34889 | 1.34887 | 1.34885 | 1.34884 |
| 39 | 1.34882 | 1.34880 | 1.34878 | 1.34876 | 1.34874 | 1.34873 | 1.34871 | 1.34869 | 1.34867 | 1.34865 |
| 40 | 1.34863 | | | | | | | | | |

AG12.5 Refractometer Calibration Fluid - R.I. Temperature Relationship



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Bellingham + Stanley Ltd.

Longfield Road
Tunbridge Wells
Kent, TN2 3EY, UK
Telephone: +44 (0) 1892 500400
Fax: +44 (0) 1892 543115

Bellingham + Stanley Inc.

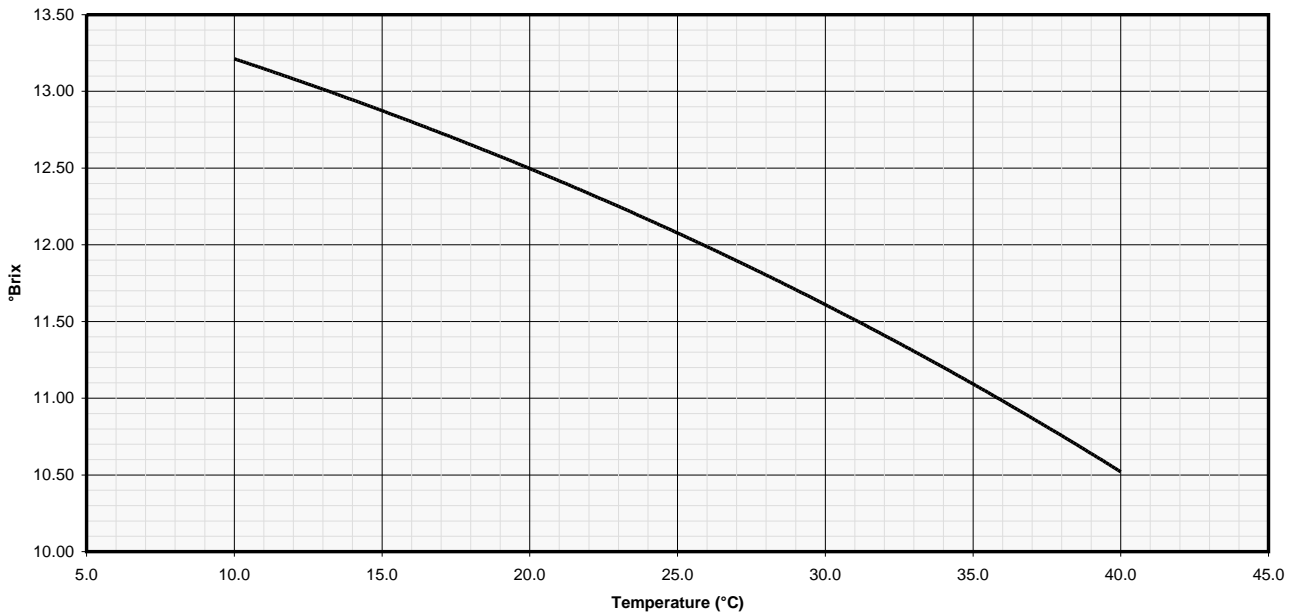
90 Horizon Drive
Suwanee
GA 30024, USA
Telephone: 678 804 5730
Fax: 678 804 5729

AG12.5 Refractometer Calibration Fluid

°Brix Temperature Relationship

| Temperature (°C) | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10 | 13.21 | 13.21 | 13.20 | 13.19 | 13.19 | 13.18 | 13.17 | 13.17 | 13.16 | 13.15 |
| 11 | 13.15 | 13.14 | 13.13 | 13.13 | 13.12 | 13.11 | 13.11 | 13.10 | 13.09 | 13.09 |
| 12 | 13.08 | 13.07 | 13.07 | 13.06 | 13.05 | 13.05 | 13.04 | 13.03 | 13.03 | 13.02 |
| 13 | 13.01 | 13.01 | 13.00 | 12.99 | 12.99 | 12.98 | 12.97 | 12.97 | 12.96 | 12.95 |
| 14 | 12.94 | 12.94 | 12.93 | 12.92 | 12.92 | 12.91 | 12.90 | 12.90 | 12.89 | 12.88 |
| 15 | 12.87 | 12.87 | 12.86 | 12.85 | 12.85 | 12.84 | 12.83 | 12.82 | 12.82 | 12.81 |
| 16 | 12.80 | 12.79 | 12.79 | 12.78 | 12.77 | 12.77 | 12.76 | 12.75 | 12.74 | 12.74 |
| 17 | 12.73 | 12.72 | 12.71 | 12.71 | 12.70 | 12.69 | 12.68 | 12.68 | 12.67 | 12.66 |
| 18 | 12.65 | 12.65 | 12.64 | 12.63 | 12.62 | 12.61 | 12.61 | 12.60 | 12.59 | 12.58 |
| 19 | 12.58 | 12.57 | 12.56 | 12.55 | 12.54 | 12.54 | 12.53 | 12.52 | 12.51 | 12.50 |
| 20 | 12.50 | 12.49 | 12.48 | 12.47 | 12.46 | 12.46 | 12.45 | 12.44 | 12.43 | 12.42 |
| 21 | 12.42 | 12.41 | 12.40 | 12.39 | 12.38 | 12.38 | 12.37 | 12.36 | 12.35 | 12.34 |
| 22 | 12.33 | 12.33 | 12.32 | 12.31 | 12.30 | 12.29 | 12.28 | 12.28 | 12.27 | 12.26 |
| 23 | 12.25 | 12.24 | 12.23 | 12.22 | 12.22 | 12.21 | 12.20 | 12.19 | 12.18 | 12.17 |
| 24 | 12.16 | 12.16 | 12.15 | 12.14 | 12.13 | 12.12 | 12.11 | 12.10 | 12.09 | 12.09 |
| 25 | 12.08 | 12.07 | 12.06 | 12.05 | 12.04 | 12.03 | 12.02 | 12.01 | 12.01 | 12.00 |
| 26 | 11.99 | 11.98 | 11.97 | 11.96 | 11.95 | 11.94 | 11.93 | 11.92 | 11.91 | 11.91 |
| 27 | 11.90 | 11.89 | 11.88 | 11.87 | 11.86 | 11.85 | 11.84 | 11.83 | 11.82 | 11.81 |
| 28 | 11.80 | 11.79 | 11.78 | 11.77 | 11.77 | 11.76 | 11.75 | 11.74 | 11.73 | 11.72 |
| 29 | 11.71 | 11.70 | 11.69 | 11.68 | 11.67 | 11.66 | 11.65 | 11.64 | 11.63 | 11.62 |
| 30 | 11.61 | 11.60 | 11.59 | 11.58 | 11.57 | 11.56 | 11.55 | 11.54 | 11.53 | 11.52 |
| 31 | 11.51 | 11.50 | 11.49 | 11.48 | 11.47 | 11.46 | 11.45 | 11.44 | 11.43 | 11.42 |
| 32 | 11.41 | 11.40 | 11.39 | 11.38 | 11.37 | 11.36 | 11.35 | 11.34 | 11.33 | 11.32 |
| 33 | 11.31 | 11.30 | 11.29 | 11.27 | 11.26 | 11.25 | 11.24 | 11.23 | 11.22 | 11.21 |
| 34 | 11.20 | 11.19 | 11.18 | 11.17 | 11.16 | 11.15 | 11.14 | 11.13 | 11.11 | 11.10 |
| 35 | 11.09 | 11.08 | 11.07 | 11.06 | 11.05 | 11.04 | 11.03 | 11.02 | 11.01 | 10.99 |
| 36 | 10.98 | 10.97 | 10.96 | 10.95 | 10.94 | 10.93 | 10.92 | 10.90 | 10.89 | 10.88 |
| 37 | 10.87 | 10.86 | 10.85 | 10.84 | 10.83 | 10.81 | 10.80 | 10.79 | 10.78 | 10.77 |
| 38 | 10.76 | 10.74 | 10.73 | 10.72 | 10.71 | 10.70 | 10.69 | 10.67 | 10.66 | 10.65 |
| 39 | 10.64 | 10.63 | 10.62 | 10.60 | 10.59 | 10.58 | 10.57 | 10.56 | 10.54 | 10.53 |
| 40 | 10.52 | | | | | | | | | |

AG12.5 Refractometer Calibration Fluid - °Brix Temperature Relationship



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Bellingham + Stanley Ltd.

Longfield Road
 Tunbridge Wells
 Kent, TN2 3EY, UK
 Telephone: +44 (0) 1892 500400
 Fax: +44 (0) 1892 543115

Bellingham + Stanley Inc.

90 Horizon Drive
 Suwanee
 GA 30024, USA
 Telephone: 678 804 5730
 Fax: 678 804 5729