### TERGC11X

| Cut volume, % | 100.0 | 1.2 | 57.2 | 33.0 | 6.0 | 2.3 | 0.3 | 0.1 |
| API Gravity, | 73.1 | 115.5 | 86.5 | 57.2 | 45.7 | 39.3 | 36.6 | 35.4 |
| Specific Gravity (60/60F), | 0.692 | 0.573 | 0.649 | 0.750 | 0.798 | 0.829 | 0.842 | 0.848 |
| Carbon, wt % | 84.7 | 82.6 | 83.6 | 86.0 | 86.0 | 86.1 | 85.6 | 83.6 |
| Hydrogen, wt % | 15.2 | 17.4 | 16.4 | 14.0 | 14.0 | 13.9 | 14.3 | 12.4 |
| Pour point, F | (32.8) | (119.2) | (48.6) | 11.4 | 98.4 | 113.6 |
| Neutralization number (TAN), MG/GM | 0.010 | 0.007 | 0.007 | 0.007 | 0.014 | 0.067 | 0.215 | 0.303 |
| Sulfur, wt% | 0.002 | 0.000 | 0.007 | 0.007 | 0.008 | 0.030 | 0.084 | 0.174 |
| Viscosity at 20C/68F, cSt | 0.5 | 0.4 | 0.5 | 0.7 | 1.7 | 5.2 | 49.6 | 18,734.1 |
| Viscosity at 40C/104F, cSt | 0.4 | 0.4 | 0.4 | 0.6 | 1.3 | 3.2 | 20.3 | 2,555.0 |
| Viscosity at 50C/122F, cSt | 0.4 | 0.3 | 0.4 | 0.5 | 1.1 | 2.6 | 14.1 | 1,145.9 |
| Mercaptan sulfur, ppm | 3.0 | 0.0 | 0.1 | 1.0 | 1.6 | 0.6 | 0.1 | 0.0 |
| Nitrogen, ppm | 2.2 | - | - | 0.0 | 1.9 | 24.6 | 177.0 | 513.7 |
| CCR, wt% | 0.0 | 0.3 | 2.0 |
| N-Heptane Insolubles (C7 Asphaltenes), wt% | 0.0 | - | 0.2 |
| Nickel, ppm | 0.5 |
| Vanadium, ppm | 0.5 | 322.2 |
| Calcium, ppm | 0.5 |
| Reid Vapor Pressure (RVP) Whole Crude, psi | 10.9 |
| Hydrogen Sulfide (dissolved), ppm | - |
| Salt content, ptb | 1.0 |
| Paraffins, vol % | 73.0 | 100.0 | 93.5 | 45.6 | 59.1 | 47.7 | 76.2 | 25.9 |
| Naphthenes, vol % | 18.4 | - | 6.5 | 36.9 | 18.1 | 41.1 | 16.5 | 5.9 |
| Aromatics (FiA), vol % | 8.5 | - | - | 17.5 | 22.7 | 11.3 | 7.3 | 68.3 |
| Distillation type, TBP | | | | | | | | |
| IBP, F | 52.1 | 61.2 | 165.4 | 330.5 | 480.4 | 650.4 | 1,000.6 |
| 5 vol%, F | 71.9 | 69.9 | 169.1 | 334.5 | 484.3 | 654.4 | 1,005.7 |
| 10 vol%, F | 80.8 | 75.7 | 173.4 | 339.2 | 488.7 | 659.3 | 1,011.6 |
| 20 vol%, F | 95.9 | 84.8 | 182.7 | 349.3 | 497.7 | 670.3 | 1,024.0 |
| 30 vol%, F | 111.3 | 93.4 | 193.1 | 360.7 | 507.2 | 684.4 | 1,037.2 |
| 40 vol%, F | 127.9 | 102.0 | 205.2 | 373.2 | 517.2 | 703.6 | 1,051.7 |
| 50 vol%, F | 146.7 | 110.8 | 218.2 | 387.2 | 528.1 | 736.3 | 1,067.9 |
| 60 vol%, F | 169.2 | 120.1 | 231.7 | 402.7 | 540.3 | 760.7 | 1,085.6 |
| 70 vol%, F | 199.5 | 129.9 | 247.2 | 419.8 | 554.7 | 937.6 | 1,108.8 |
| 80 vol%, F | 240.2 | 140.5 | 266.4 | 438.3 | 573.4 | 957.9 | 1,137.7 |
| 90 vol%, F | 312.7 | 152.1 | 292.1 | 458.4 | 600.7 | 978.2 | 1,182.0 |
| 95 vol%, F | 404.8 | 158.3 | 308.9 | 469.0 | 620.9 | 988.9 | 1,221.3 |
| EP, F | 623.0 | 164.3 | 327.7 | 478.9 | 646.4 | 998.9 | 1,329.8 |
| Freeze point, F | (106.9) | (37.5) | 21.9 |
| Smoke point, mm | 24.0 | 21.7 | 17.8 |
| Naphthalenes (D1840), vol% | 0.3 | 0.3 | 0.3 | 0.4 | 0.7 | 1.2 | 4.0 | 73.1 |
| Viscosity at 100C/212F, cSt | 0.3 | 0.2 | 0.2 | 0.3 | 0.4 | 0.8 | 1.9 | 15.7 |
| Viscosity at 150C/302F, cSt | 24.0 | 44.9 | 60.4 |
| Cetane Index 1990 (D4737), | (114.7) | (43.7) | 16.7 |
| Cloud point, F | 139.8 | 160.8 | 182.4 |