

Steel

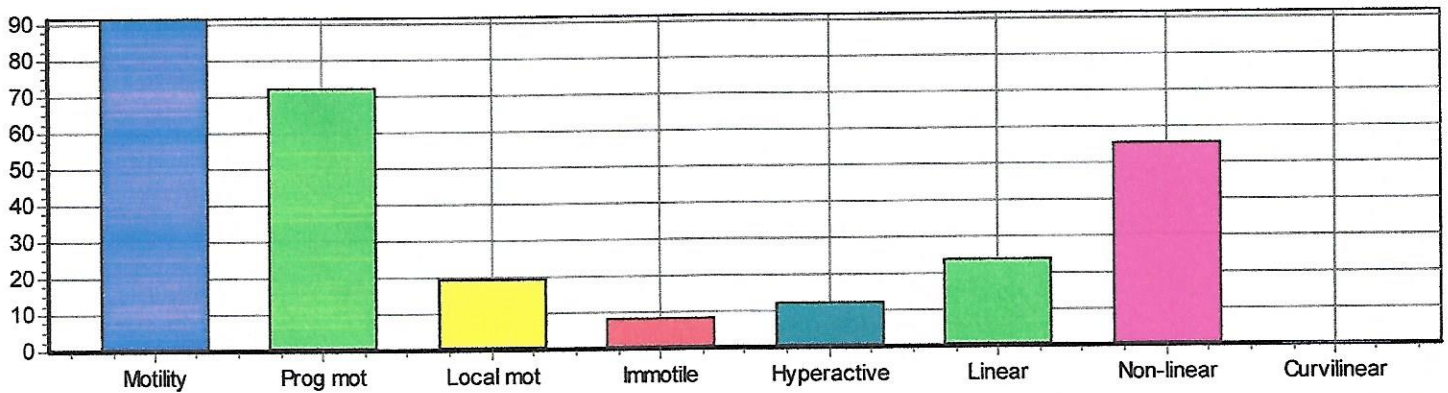
Meadowlands Veterinary Hospital

Motility Information **Collection Date: 09/28/2020**

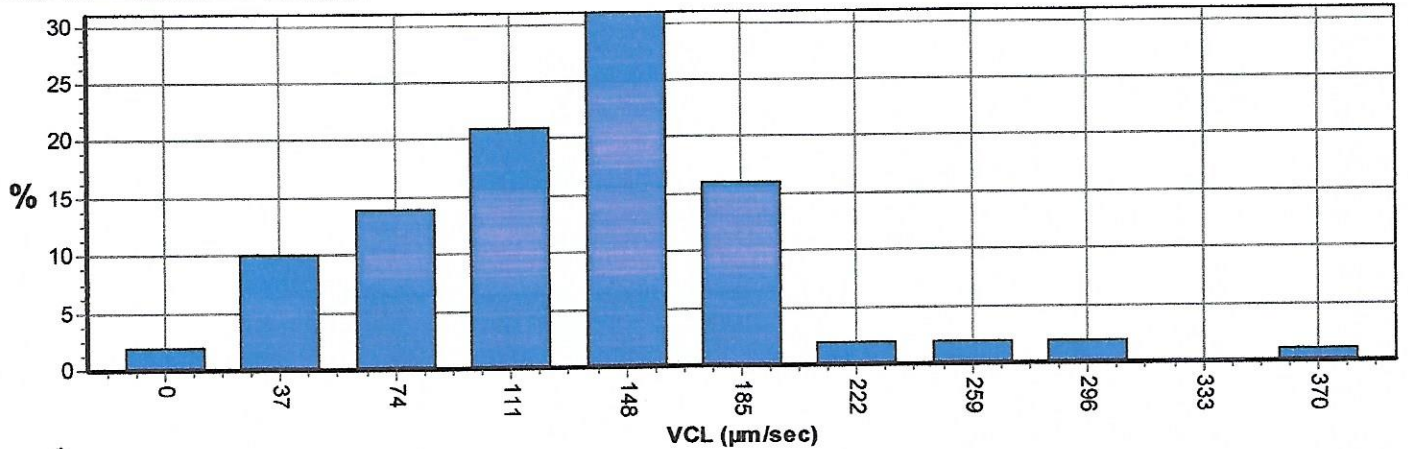
Average Cell Analysis Information - 2135 Cells Analyzed 09/28/2020 1:14:50 PM

| | | |
|--|--------------------------------------|--------------------------------|
| Sperm Concentration: 232 million/ml | Motility: 91.85 % | Local motility: 19.71 % |
| Total Sperm: 928.00 million | Progressive motility: 72.13 % | Immotile: 8.16 % |
| Viable Sperm: 852.37 million | | |
| VCL: 156.90 µm/sec | LIN: 0.40 | BCF: 21.11 hertz |
| VAP: 85.18 µm/sec | STR: 0.74 | ALH: 7.54 µm |
| VSL: 63.65 µm/sec | | |

Cell Classification Chart



VCL Distribution



| Value | 0.00 | 37.00 | 74.00 | 111.00 | 148.00 | 185.00 | 222.00 | 259.00 | 296.00 | 333.00 | 370.00 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| % | 2 | 10 | 14 | 21 | 31 | 16 | 2 | 2 | 2 | 0 | 1 |
| Cum. % | 2 | 12 | 25 | 46 | 77 | 93 | 95 | 97 | 99 | 99 | 100 |

| | | |
|------------------------|----------------------------------|-------------------|
| Minimum: 25.68 | Average: 150.30 | Q1: 110.70 |
| Maximum: 394.00 | Median: 154.00 | Q3: 183.70 |
| | Standard deviation: 60.53 | IQR: 72.94 |