



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

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PRODUCT SPECIFICATIONS & TECHNICAL DATA

PETROFLO LVS SPINDLE OILS

PETROFLO LVS SPINDLE OILS are a series of light colored and low viscosity oils for the lubrication of high speed spindles running at speeds of 20,000 to 40,000 RPMs, found in textile spinning frames and in automated machine tools. **PETROFLO LVS SPINDLE OILS** exhibit outstanding oxidation stability, fortified to reduce wear and are inhibited to prevent corrosion for lubricated parts. **PETROFLO LVS SPINDLE OILS** provide effective lubrication over the full range of loads and temperatures normally encountered by textile equipment and machine tools. When lubricating high speed machine tool spindle **PETROFLO LVS SPINDLE OILS** hold power and maintenance costs to a minimum.

Applications

- textile industry where machine oil does not contact fabrics or oil staining is not an issue
- automatic machine tools and other applications where operating speeds are in excess of 10,000 rpm

Features/Benefits:

- superior oxidation stability
- non-corrosiveness to metals
- excellent water separation characteristics
- excellent protection from rust and oxidation
- excellent anti-wear properties

TYPICAL ANALYSIS

| ISO GRADE | 10 LVS 60 | 22 LVS 100 | 32 LVS 150 |
|--------------------------|-----------|------------|------------|
| VISCOSITY cSt @ 40° C | 10.03 | 23.0 | 33.8 |
| VISCOSITY cSt @ 100° C | 2.61 | 4.3 | 5.4 |
| VISCOSITY SUS @ 100° F | 61.45 | 114.0 | 160 |
| VISCOSITY SUS @ 210° F | 35 | 40.6 | 44.1 |
| VISCOSITY INDEX | 105 | 105 | 105 |
| FLASH POINT °C/°F | 173(230) | 205(401) | 210(411) |
| POUR POINT °C/ °F | -31(-24) | -28(-18) | -32(-26) |
| GRAVITY API | 31 | 33.2 | 32.6 |
| SPECIFIC GRAVITY @ 60° F | 0.8463 | 0.8591 | 0.8623 |
| POUNDS PER GALLON | 7.047 | 7.153 | 7.180 |

The above analyses are typical inspections only and the finished product may vary from batch to batch.