



## **CRUDERES™ HV25** **High Viscosity, Crude Resin**

### **GENERAL DESCRIPTION**

CrudeRes™ HV25 is a dark colored resin, derived from Pennsylvania and Appalachian Grade Crude refinery processes. CrudeRes™ HV25 is higher in carbon and lower in sulfur and oxygen than other resins from naphthenic and asphaltic crudes.

### **TYPICAL PROPERTIES (NOT SPECIFICATIONS)**

|                                     |            | <b>HV25</b> |
|-------------------------------------|------------|-------------|
| Viscosity, SUS @ 210 °F (98.9 °C)   | ASTM D445  | 3000        |
| Viscosity, cSt @ 210 °F (98.9 °C)   | ASTM D445  | 612         |
| Pour Point, °F (°C)                 | ASTM D5949 | 70 (21)     |
| Flash Point, °F (°C)                | ASTM D92   | 655 (346)   |
| Density, Pounds per Gallon @ 15.6°C | ASTM D1250 | 8.0         |

### **APPLICATIONS**

This unique resin is used to build viscosity in metalworking applications, wire rope lubricants, and open gear compounds. It has utility in asphalt modification, both roofing and paving. Most notably, CrudeRes™ HV25 is used to improve the cooling rate of quenching oils. Despite the very dark color, this resin can find use in various coating formulations where it has the advantage of excellent solubility in inexpensive solvents. It can add gloss to coatings and hardness when baked. CrudeRes™ HV25 can be incorporated in spirit varnishes and in modifications of phenolics, alkyds, and ester gum varnishes.

### **AVAILABILITY**

CrudeRes™ HV25 is available in Bulk Shipments and 55-Gallon Drums.

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