



**PRODUCT DATA SHEET**

**HD SAE 20W Full Synthetic CODE: 648**

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Scot Lubricants Heavy Duty Full Synthetic engine oils uses premium quality base stocks and up-to-date additive technology, formulated to provide the highest levels of equipment protection. They are specially formulated for “next generation soot control” to provide excellent performance even in the most severe conditions.

**APPLICATIONS:**

Normally recommended for aspirated and turbo-charged gasoline and diesel engines. Scots’ Heavy Duty Full Synthetic engine oils meet or exceed the manufacturers’ requirements for most Ford, General Motors, Mack, Caterpillar, Detroit Diesel, and Cummins engines. Meets MIL-L-2104 specifications.

**TYPICAL TEST DATA:**

Follow equipment manufacturer recommendations and conventional guides to determine the best oil for specific applications.

| <b>SAE FULL SYNTHETIC</b> | <b>HD 10</b> | <b>HD 20</b> | <b>HD 30</b> | <b>HD 40</b> |
|---------------------------|--------------|--------------|--------------|--------------|
| <b>CODE</b>               | <b>647</b>   | <b>648</b>   | <b>645</b>   | <b>646</b>   |
| API Gravity               | 29.5         | 29.5         | 28           | 28.1         |
| Viscosity CST @ 100 °C    | 7.0          | 8.9          | 11.5         | 14.0         |
| Viscosity CST @ 40 °F     | 48.9         | 70           | 86.8         | 116.8        |
| Viscosity Index           | 98.9         | 100          | 122          | 119          |
| Flash Point @°C           | >260         | >260         | >260         | >260         |
| Pour Point °C             | -35          | -36          | -20.5        | -36          |