



2020/11/17

Super Low Sulfur Premium Diesel Vehicle

6.4

1/2

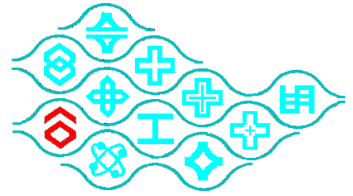
(Product NO.) DO-P

(Usage)

(Quality)

| No. |  |                           |                |                   | ASTM                    | CNS                     |
|-----|--|---------------------------|----------------|-------------------|-------------------------|-------------------------|
|     |  |                           |                |                   |                         |                         |
| 1   | Cetane Index   |                           | 48             |                   | D976<br>D4737           | 12016<br>12761          |
| 2   | 15   | kg/m <sup>3</sup>         | 820            | 845               | D1298<br>D4052          | 12017<br>14474          |
| 3   | API (60 )  |                           |                |                   | D1298<br>D4052          | 12017<br>14474          |
| 4   | Copper strip corrosion 50 3hr                        |                           | NO.1           |                   | D130                    | 1219                    |
| 5   | Flash point  |                           | 55             |                   | D93                     | 3574                    |
| 6   | Kinematic Viscosity 40                               | mm <sup>2</sup> /s<br>cSt | 2.0            | 4.5               | D445                    | 3390                    |
| 7   | 10%<br>carbon residue on 10% distillation<br>residue | wt%                       |                | 0.30              | D524<br>D4530           | 3776<br>14477           |
| 8   | Distillation   |                           |                |                   |                         |                         |
|     | 95 vol%<br>95 vol% Recovered                         |                           |                | 360               | D86                     | 1218                    |
| 9   | Ash content  | wt%                       |                | 0.01              | D482                    | 3576                    |
| 10  | Sulfur content                                       |                           |                | 10 <sup>(2)</sup> | D2622<br>D4294<br>D5453 | 13877<br>14472<br>14505 |
| 11  | Polyaromatics content                                | wt%                       |                | 8 <sup>(2)</sup>  |                         | 15079                   |
| 12  | (1.4 wsd 60 )  | μ m                       |                | 460               | D6079                   | 15074                   |
| 13  | <sup>(3)(4)</sup><br>(Fatty Acid Methyl Esters)      | vol%                      | <sup>(8)</sup> | 5                 |                         | 15051<br>15057          |

1H0-QCM-02



2020/11/17

Super Low Sulfur Premium Diesel Vehicle

6.4

2/2

| No. |                           |      |  |      | ASTM  | CNS   |
|-----|---------------------------|------|--|------|-------|-------|
|     |                           |      |  |      |       |       |
| 14  | (5)<br>Water and sediment | vol% |  | 0.05 | D2709 | 14766 |

15