

# Group II Base Oil HVI 6

## Technical specifications

Specification limits and measured results are separate. Results apply to the source sample or batch and may vary between deliveries.

| Parameter / unit                              | Specification                                      | Measured result                                    | Test method   |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------|
| Kinematic viscosity, cSt: at 100 °C, in range | 5,50 - 7,00                                        | 6,170                                              | GOST 33       |
| Viscosity Index (min)                         | 105                                                | 124                                                | GOST 25371    |
| CCS apparent viscosity at -30°C, max (mPa·s)  | 7000                                               | 4901                                               | GOST 33111    |
| Noack Evaporation Loss, max (wt %)            | 8,0                                                | 3,7                                                | GOST 32330    |
| Sulphur content, max (mg/kg)                  | 10                                                 | 4,00                                               | GOST 32139    |
| Flash Point, COC, min (°C)                    | 220                                                | 250                                                | GOST 4333     |
| Pour Point, max (°C)                          | Minus 15                                           | Minus 23                                           | GOST 20287    |
| Pour point, max (°C)                          | Minus 12                                           | Minus 21                                           | GOST 32463    |
| Mechanical impurities (wt %)                  | Absence                                            | Absence                                            | GOST 6370     |
| Water content, max (wt %)                     | Traces                                             | Absence                                            | GOST 2477     |
| Water content, max (mg/kg)                    | 150                                                | 33                                                 | GOST R 54281  |
| Color, max                                    | 0,5                                                | 0,5                                                | GOST 20284    |
| Density at 15 °C (kg/m3)                      | Report (not standardized)                          | 844,2                                              | GOST R 57037  |
| Selective solvents content (wt %)             | Absence                                            | Absence                                            | GOST 33093    |
| Appearance                                    | Bright and clear liquid without foreign substances | Bright and clear liquid without foreign substances | Visual        |
| Saturates, % (min)                            | 95                                                 | 98,0                                               | ASTM D 7419   |
| Self-ignition point, min (°C)                 | 165                                                | 380                                                | GOST 12.1.044 |

Source document: DP Base Oil HVI 6.pdf