

# Q8 Induco 148

## Application

- The Q8 Induco grades are industrial oils for various purposes.
- The oils have been severely processed as a result of which discolouration even after a long time does not occur.

## Benefits

- Good oxidation- and colour stability
- Light coloured
- Minimum evaporation losses by heating
- Low aromatic content
- Meets FDA 178.3620(c)

| Properties                          | Method      | Unit               | Typical |
|-------------------------------------|-------------|--------------------|---------|
| Viscosity Grade                     |             |                    | 148     |
| Absolute Density, 15 °C             | D 4052      | kg/m <sup>3</sup>  | 887     |
| Kinematic Viscosity, 40 °C          | D 445       | mm <sup>2</sup> /s | 148     |
| Kinematic Viscosity, 50 °C          | D 445       | mm <sup>2</sup> /s | 87.9    |
| Kinematic Viscosity, 100 °C         | D 445       | mm <sup>2</sup> /s | 14.5    |
| V-G Constant                        | D 2140      | -                  | 0.810   |
| Colour                              | D 1500      | -                  | 1.0     |
| Flash Point                         | D 92        | °C                 | 276     |
| Pour Point                          | D 97        | °C                 | -12     |
| Carbon Residue, Rams.               | D 524       | % mass             | 0.15    |
| Total Acid Number                   | D 974       | mg KOH/g           | <0.03   |
| Refractive Index n <sub>20</sub> /D | D 1218      | -                  | 1.487   |
| Refractivity Intercept              | D 2140      | -                  | 1.045   |
| Aniline Point                       | D 611       | °C                 | 116     |
| Ash                                 | D 482       | % mass             | <0.01   |
| Loss on heating, 163 °C, 3 h        | D 6 / IP 45 | % mass             | 0.01    |
| U-V Absorptivity, 260 nm 1/g cm     | D 2008      | -                  | 1.2     |
| Hydrocarbon Characterization        | D 2140      |                    |         |
| Carbon Atoms in                     |             |                    |         |
| Aromatic Rings                      |             | %                  | 5       |
| Naphthenic Rings                    |             | %                  | 28      |
| Paraffinic Chains                   |             | %                  | 67      |
| Clay-Gel Absorption                 | D 2007      |                    |         |
| Asphaltenes                         |             | % mass             | <0.1    |
| Polar Compounds                     |             | % mass             | 0.8     |
| Aromatics                           |             | % mass             | 30.3    |
| Saturates                           |             | % mass             | 68.9    |
| DMSO extract                        | IP 346      | %                  | <1      |

The figures above are not a specification. They are typical figures obtained within production tolerances.