

Q8 Porta 145P

Process oil with optimum performance

Description

Q8 Porta 145P is an advanced process oil with optimum performance and a high oxidation and thermal stability. This light coloured oil has a low aromatic and nitrogen content and minimum evaporation losses when heated. Q8 Porta 145P improves the elasticity of the rubber components.

Applications

Q8 Porta 145P is used in rubber and ink industry. It is applied in softeners and extenders (rubber industry). Q8 Porta 145P is also recommended as anti-dust oil in the agriculture industry and carrier oil in the lubricants industry.

Benefits

- Reduction of product portfolio through extended lubricant applications
- Highly resistant to ageing
- Optimum thermal stability
- Low evaporation

Specifications & Approvals

ISO 11158 HH ISO 6743-4 HH

Properties

| | Method | Unit | Typical |
|--------------------------------------|--------|--------------------|---------|
| Viscosity Grade | - | - | 145P |
| Density, 15 °C | D 4052 | g/ml | 0,887 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 146.6 |
| Kinematic Viscosity, 50 °C | D 445 | mm ² /s | 86.8 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 14.19 |
| Viscosity Index | D 2270 | - | 94 |
| Total Acid Number | D 974 | mg KOH/g | <0.05 |
| Pour Point | D 97 | °C | -6 |
| Flash Point, COC | D 92 | °C | 272 |
| Flash Point, P-M | D 93 | °C | |
| Ash | D 482 | % mass | <0.01 |
| Sulfur | D 2622 | % mass | 0.87 |
| Carbon Residue | D 524 | % mass | 0.16 |
| DMSO extract | IP 346 | % | <1 |
| Hydrocarbons: Aromatic Rings | D 2140 | % | 4.7 |
| Hydrocarbons: Naphthenic Rings | D 2140 | % | 29.1 |
| Hydrocarbons: Paraffinic Chains | D 2140 | % | 66.2 |
| Refractive Index n ₂₀ /D | D 1218 | - | 1.488 |
| Refractivity Intercept | D 2140 | - | 1.046 |
| Aniline Point | D 611 | °C | 113.6 |
| Clay-gel adsorption: Aromatics | D 2007 | % mass | 32.6 |
| Clay-gel adsorption: Asphaltenes | D 2007 | % mass | <0.1 |
| Clay-gel adsorption: Polar Compounds | D 2007 | % mass | 1.8 |
| Clay-gel adsorption: Saturates | D 2007 | % mass | 65.6 |

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

Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Porta 145P is **1.22** kg CO₂eq / kg.*

*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
For more info check here*



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