PRODUCT DATA SHEET

Q8 Porta 105P

Process oil with optimum performance

Description

Q8 Porta 105P 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 105P improves the elasticity of the rubber components.

Applications

Q8 Porta 105P is used in rubber and ink industry. It is applied in softeners and extenders (rubber industry). Q8 Porta 105P 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	-	-	*105P*
Density, 15 °C	*D 4052*	*g/ml*	*0,882*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*105.4*
Kinematic Viscosity, 50 °C	*D 445*	*mm²/s*	*61.1*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*11.5*
Viscosity Index	*D 2270*	-	*95*
Total Acid Number	*D 974*	*mg KOH/g*	*<0.05*
Pour Point	*D 97*	*°C*	*-9*
Flash Point, COC	*D 92*	*°C*	*264*
Flash Point, P-M	*D 93*	*°C*	*255*
Ash	*D 482*	*% mass*	*<0.01*
Sulfur	*D 2622*	*% mass*	*0.78*
Carbon Residue	*D 524*	*% mass*	*0.09*
Refractive Index n20/D	*D 1218*	-	*1.485*
Refractivity Intercept	*D 2140*	-	*1.045*
Hydrocarbons: Aromatic Rings	*D 2140*	*%*	*4.1*
Hydrocarbons: Naphthenic Rings	*D 2140*	*%*	*29.4*
Hydrocarbons: Paraffinic Chains	*D 2140*	*%*	*66.4*
Aniline Point	*D 611*	*°C*	*112.9*
Clay-gel adsorption: Aromatics	*D 2007*	*% mass*	*29.7*
Clay-gel adsorption: Asphaltenes	*D 2007*	*% mass*	*<0.1*
Clay-gel adsorption: Polar Compounds	*D 2007*	*% mass*	*1.5*
Clay-gel adsorption: Saturates	*D 2007*	*% mass*	*68.8*
DMSO extract	*IP 346*	*%*	*<1*

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 105P is **1.22** kg CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.
For more info check here

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