

## Q8 Porta 21P

Process oil with optimum performance

### Description

Q8 Porta 21P 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 21P improves the elasticity of the rubber components.

### Applications

Q8 Porta 21P is used in rubber and ink industry. It is applied in softeners and extenders (rubber industry). Q8 Porta 21P 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
ISO Viscosity Grade	-	-	21
Density, 15 °C	D 4052	g/ml	0.870
Kin. Viscosity Base Oil at 40 °C	D 445	mm <sup>2</sup> /s	21.3
Kinematic Viscosity, 50 °C	D 445	mm <sup>2</sup> /s	14.8
Kin. Viscosity Base Oil at 100 °C	D 445	mm <sup>2</sup> /s	4.1
Viscosity Index	D 2270	-	89
Total Acid Number	D 974	mg KOH/g	<0.05
Pour Point	D 97	°C	-24
Flash Point, COC	D 92	°C	188
Ash	D 482	% mass	<0.01
Sulfur	D 2622	% mass	0.45
Carbon Residue	D 524	% mass	0.02
DMSO extract	IP 346	%	<1
Hydrocarbons: Aromatic Rings	D 2140	%	3.3
Hydrocarbons: Naphthenic Rings	D 2140	%	35.8
Hydrocarbons: Paraffinic Chains	D 2140	%	60.8
Refractive Index n <sub>20</sub> /D	D 1218	-	1.477
Refractivity Intercept	D 2140	-	1.044
Aniline Point	D 611	°C	97.5
Clay-gel adsorption: Aromatics	D 2007	% mass	18.1
Clay-gel adsorption: Asphaltenes	D 2007	% mass	<0.1
Clay-gel adsorption: Polar Compounds	D 2007	% mass	0.6
Clay-gel adsorption: Saturates	D 2007	% mass	81.3

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