

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 ² /s	21.3
Kinematic Viscosity, 50 °C	D 445	mm ² /s	14.8
Kin. Viscosity Base Oil at 100 °C	D 445	mm ² /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 ₂₀ /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.