

Q8 Porta 12P

Process oil with optimum performance

Description

Q8 Porta 12P 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 12P improves the elasticity of the rubber components.

Applications

Q8 Porta 12P is used in rubber and ink industry. It is applied in softeners and extenders (rubber industry). Q8 Porta 12P 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

Properties

	Method	Unit	Typical
Viscosity Grade	-	-	12P
Colour	D 1500	-	L 0.5
Density, 15 °C	D 4052	g/ml	0,861
Kinematic Viscosity, 40 °C	D 445	mm ² /s	12.25
Kinematic Viscosity, 50 °C	D 445	mm ² /s	8.9
Kinematic Viscosity, 100 °C	D 445	mm ² /s	2.92
Viscosity Index	D 2270	-	80
Total Acid Number	D 974	mg KOH/g	<0.05
Pour Point	D 97	°C	-36
Flash Point, COC	D 92	°C	174
Flash Point, P-M	D 93	°C	170
Ash	D 482	% mass	<0.01
Sulfur	D 2622	% mass	0.1
Carbon Residue	D 524	% mass	0.02
DMSO extract	IP 346	%	<1
Hydrocarbons: Aromatic Rings	D 2140	%	0.5
Hydrocarbons: Naphthenic Rings	D 2140	%	40.7
Hydrocarbons: Paraffinic Chains	D 2140	%	58.8
Refractive Index n ₂₀ /D	D 1218	-	1.471
Refractivity Intercept	D 2140	-	1.042
Aniline Point	D 611	°C	95.6
Clay-gel adsorption: Aromatics	D 2007	% mass	5.4
Clay-gel adsorption: Asphaltenes	D 2007	% mass	<0.1
Clay-gel adsorption: Polar Compounds	D 2007	% mass	0.4
Clay-gel adsorption: Saturates	D 2007	% mass	94.1

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