



Energol CS

Circulatory-System Oils

Description; Description

A range of high quality additive free oils possessing inherently good resistance to oxidation, good demulsification properties and high viscosity index

The viscosity grades available are ISO 32, 46 68, 100, 150, 220, 320. For higher viscosity grades we refer to a separate technical data sheet.

Applications; Applications

Energol CS oils have a variety of applications such as in circulatory systems for rolling mills and calendars

(both rolling and plain bearings), vacuum pumps and hydraulic systems where a fluid type HH is required.

Main Benefits; Main Benefits

- Long service life

- Wide range of applications

Storage; Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration
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of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.; of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment; Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.; Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

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Typical Characteristics; Typical Characteristics

Test Methods; Test Methods	Units; Units	Grade ; Grade :
		10 22 32 46 68
Density at 15 °C ISO3675	kg/m ³	866 873 874 878 881
Flash Point (PMC) ISO2795	°C	155 200 215 220 231
Kinematic Viscosity: @ 40 °C ISO3105	mm ² /s	9.5 22 30 46 68
@ 100°C	mm ² /s	2.45 4.50 5.0 6.6 8.7
Viscosity index ISO2909		70 95 95 95 95
Pour Point ISO3016/	°C	-24 -15 -15 -15 -15
Colour ISO2049 -		<1.5 <2.0 <2.0 <2.5 <2.5
Neutralization value ASTM D664	mgKOH/g	<0.05 <0.05 <0.05 <0.05 <0.05
Carbon residue (Ramsbottom) ASTM D524	%wt	- 0.10 0.10 0.13 0.14

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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