



Cilora 6

Low Viscosity Neat Oil

Description; Description

Cilora 6 is a low viscosity neat oil formulated from a solvent refined basestock. It is very pale in colour and is almost odourless.

Cilora 6 contains carefully selected lubricity additives which provide high load carrying capacity for consistent surface finish

Applications; Applications

Cilora 6 is recommended for high speed operations on single and multi spindle automatics for steels and non ferrous metals. The low viscosity gives maximum cooling and allows rapid swarf separation with minimum drag out.

Cilora 6 can also be used for grinding, honing and lapping on a wide range of materials including aluminium and its alloys, cast iron, ceramics, glass, plastics and magnesium.

Main Benefits; Main Benefits

- Good surface finish and dimensional accuracy
- Good extreme pressure performance
- Non staining to copper based alloys
- Light coloured for good visibility

- Rapid swarf separation with minimum dragout
 - High heat removal rate
 - Suitable for machining a wide range of materials
 - Low odour for operator comfort
-

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
; 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

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

BP Lubricants and Special Products Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office.; BP Lubricants and Special Products Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before

disposal of used products.

the product is used other than as directed, advice should be obtained from the local BP office.

Typical Characteristics; Typical Characteristics

	Test Methods; Test Methods	Units; Units	Grade :: Grade :
			Cilora 6
Appearance			yellow
Density at 15°C	ISO 3675, ASTM D1298	kg/m ³	855
Viscosity KV @ 40°C	ISO 3105, ASTM D445	mm ² /s	7.0
Flash Point (PMC)	ISO 2719, ASTM D93	°C	113
Pour Point	ISO 3016, ASTM D97	°C	-15
Neutralisation Number	ASTM D664	mgKOH/g	0.03
Copper Corrosion	ISO 2160, ASTM D130		1
4-Ball Weld Load	ASTM D2783	N	1800

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

This Data Sheet and information it contains is considered to be accurate at the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this publication.; This Data Sheet and information it contains is considered to be accurate at the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this publication.

It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations. No statement made in this publication shall be construed as a permission, recommendation or authorisation given or implied to practice any patented invention without a valid licence.; It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations. No statement made in this publication shall be construed as a permission, recommendation or authorisation given or implied to practice any patented invention without a valid licence.

The Seller shall not be responsible for any loss or damage resulting from any hazards or risks identified in the data sheet and which are associated with petroleum products concerned (provided that this disclaimer shall not affect any statutory rights of the Buyer of the petroleum products concerned).; The Seller shall not be responsible for any loss or damage resulting from any hazards or risks identified in the data sheet and which are associated with petroleum products concerned (provided that this disclaimer shall not affect any statutory rights of the Buyer of the petroleum products concerned).

BP Lubricants and Special Products Limited
Witan Gate House Lubricants Helpline: 0845 - 6031080
500/600 Witan Gate Fax: 0845 - 6031070
MILTON KEYNES
MK9 1ES © BP Oil UK Ltd.; BP Lubricants and Special Products Limited
Witan Gate House Lubricants Helpline: 0845 - 6031080
500/600 Witan Gate Fax: 0845 - 6031070
MILTON KEYNES
MK9 1ES © BP Oil UK Ltd.

Date Created: 16/08/1994 20:45:15 Last Modified: 04/10/2005