

A flushing product for engine oil and heat transfer fluid circuits, to be added before draining.

**DESCRIPTION**

A concentrated product with detergent and dispersant additives for suspending fine particles, deposits and sludge accumulating in the hot and cold parts of the engine, in order to eliminate them from the sump when draining.

Able to dissolve gums, lacquers and varnishes deposited in the hot parts of the engine by fuel combustion as well as deposits and residues in heating transfer fluid circuits.

Dosage: 10% or a 400ml dose.

Do not exceed the maximum capacity of the crankcase.

**USES**

**Engines:**

Pour IGOL PRÉ-LUBRIFICATION into the engine, and run it for 15 minutes or so.

Drain the oil immediately while the engine is still warm.

Replace the oil filter.

Fill the sump with fresh oil.

**Heat transfer fluid circuits:**

Put IGOL PRÉ-LUBRIFICATION into the CIRCUIT, and run it for 24 hours before draining.

Drain the circuit.

Fill the circuit with fresh oil.

Suitable for petrol, diesel and LPG engines as well as cleaning of heat transfer fluid circuits mineral or synthetic based (except polyalkyleneglycol)

For hydraulic circuits cleaning, use IGOL HYDROCLEAN.

Technical Data Sheet



## DESCRIPTION

Improves oil circulation in the lubrication circuits, thereby improving protection and reducing wear.

Improves compression since the segments are less impeded by deposits, and have more freedom in the grooves.

Suitable for any types of oil (synthetic or mineral except polyalkyleneglycol), and poses no danger to the engine.

Reduces exhaust gases pollution by enabling better combustion.

Characteristics	Methods	Units	Values
Colour	Visual	-	Brown
Density at 15°C	NF T 60-101	kg/m <sup>3</sup>	923
Kinematic viscosity at 40°C	NF T 60-100	mm <sup>2</sup> /s	35.3
Kinematic viscosity at 100°C	NF T 60-100	mm <sup>2</sup> /s	7.2
Viscosity index	NF T 60-136	-	174
Pour point	NF T 60-105	°C	- 35
COC flash point	NF T 60-118	°C	132
TBN (alkaline reserve)	ASTM D 2896	mg KOH/g	95.5
Dosage	-	-	0.1%

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

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