



PROBEOL FLUSH

A plant-based flushing fluid.

Biodegradable and zinc-free, its use is essential both to safeguard the biodegradable quality of hydraulic lubricants, and to prevent compatibility problems when switching from a mineral hydraulic fluid to a **PROBEOL** biodegradable fluid.

PROBEOL FLUSH is > 60% biodegradable (as per standard OECD 301B).

PROCEDURE

1. The mineral hydraulic oil to replace must be fully drained from the whole circuit (hydraulic tank plus manifold, hydraulic pump plus suction pipe, cylinders and pipes) when the machine is at operating temperature.
2. The hydraulic tank must then be cleaned.
3. Before filling the circuit with the biodegradable lubricant, the whole hydraulic circuit must be fully flushed. To do so, use **PROBEOL FLUSH** designed for use in operation (at approx. 50% of circuit capacity).
4. Fill the hydraulic tank with **PROBEOL FLUSH** so that the pump can run.
5. Flush for ½ an hour, with the machine at normal service temperature, executing all the movements repeatedly and alternately, in order to eliminate the mineral oil residue.
6. **Caution:** make sure that the fluid does not come into contact with the outer layer of the hydraulic hoses, to prevent any inflation of these hoses.
7. Once flushing is complete, drain the circuit again (see paragraph 1), if necessary, and clean it again.
8. After flushing, the filter elements must be replaced.
9. The circuit must be filled with **PROBEOL SAT 46**, **PROBEOL HV 46** or **PROBEOL HEES 46**.
After completely bleeding the circuit, check the level.

Caution: The water content in the oil must not exceed 0.1% (=1000 ppm)

With an HEES synthetic esters oil, a water content of more than 0.1% causes hydrolysis, leading to formation of free acids which can damage metal alloys, seals, hoses and surface coatings, etc.

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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