

# ROTHEN MOTOR CLEANER

Cleaning fluid suitable for cleaning the lubrication circuit of gasoline / diesel engines and transaxle gears

## DESCRIPTION

**ROTHEN MOTOR CLEANER** is a detergent fluid specifically designed to clean the lubrication circuit of an engine. It is formulated with detergent and dispersant additives diluted in a suitable solvent.

## PROPERTIES

The combined action of additives and the solvent constituting **ROTHEN MOTOR CLEANER** efficiently removes, dissolves and / or disposes the sludge, varnish and deposits that forming as a result of excessive use of lubricant or its premature degradation associated with a mechanical malfunction of lubricated machinery. Its use restores the functionality and performance of the lubricated parts. It improves oil's circulation by removing sludge and oil deposits.

## APPLICATION

**ROTHEN MOTOR CLEANER** should be added directly to exhausted oil into the lubrication circuit of an engine, or an industrial plant prior to its replacement. Reduce the level of the lubricant as much as possible without jeopardizing the proper functioning of the mechanical organ. Next, add a 10-30% of **ROTHEN MOTOR CLEANER** depending on the condition of the load / device. Start up the engine or machinery to be cleaned until the complete removal of the deposits.

A slight rise in temperature favors the fluid's cleaning action. The fluid has to preferably be discharged when still warm.

## TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS (\*)

| FEATURE            | UNIT OF MEASURE   | METHOD     | OUTCOME |
|--------------------|-------------------|------------|---------|
| Density at 15°C    | g/cm <sup>3</sup> | ASTM D1298 | 0.825   |
| Viscosity at 40°C  | cSt               |            | 3.4     |
| Pour point         | °C                | ASTM D97   | - 33    |
| Flammability point | °C                | ASTM D93   | 63      |

(\*): The values are based on typical production, and may consequently vary.

