

## LUBRAL DUO TEMP 50%

### DESCRIPTION

Direct Use Antifreeze/Coolant is a formulation based on Ethylene Glycol with performance characteristics suitable for cooling systems of combustion machines made of metals or alloys such as Aluminum, Steel, Copper, Iron and Bronze. In its formulation the antifreeze / direct use contains anti-corrosive, anti-rust and metal passivating additives that protect against rust and corrosion of the cooling systems avoiding leaks in the radiator and damages in the water pump and thermostat.

### BENEFITS

- Maximum protection under low and high temperatures.

- Maximum protection against rust and corrosion.
- Good protection in long change periods.
- Excellent protection on aluminum, steel, copper, bronze, iron, hoses, rubber and seals.
- Exceeds ASTM D-4985 (heavy vehicles), ASTM D-6210, TMC RP-329 and US/NATO MILITARY CID A-A-52624, SAE J1034 and ASTM D3306 specifications for ethylene glycol-based antifreeze.

### APPLICATIONS

Recommended for the most of the national and imported automotive vehicles, passenger cars, light duty trucks, construction equipment and stationary type installations.

### CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Color	Visual	Fluorescent Yellow
Appearance	Visual	Bright
Density @20°C, g/ml	ASTM D-4052	1.07
Freezing Temperature, °C	ASTM D-1177	-37
Boiling Temperature, °C (15 psi)	ASTM D-1120	130
Boiling temperatura, °C (atmospheric pressure)	ASTM D-1120	107
pH	ASTM D-1287	9.0
Alkaline Reserve	ASTM D-1121	3.2
Water Content, %	ASTM D-1123	50
Corrosion in motor cooling	ASTM D-1384	PASS

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations, that do not affect the yield product during the normal manufacturing and on different mixing locations are expected. Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact [venta@lubral.com](mailto:venta@lubral.com).