

A multi-purpose oil for transmissions with immersed brakes, used for hydraulic and mechanical transmissions in construction machinery, specially formulated to meet the Volvo Construction Equipment specification WB 102.

PERFORMANCE

Specifications:

VOLVO CE WB 101
VOLVO CE WB 102

ADVANTAGES

TICMA FLUID V is formulated with non-conventional bases, giving it a high viscosity index to prevent both excessive viscosity when cold, which would cause a loss of power or defective greasing, and excessive fluidity when hot, which would lead to gear teeth wear.

The **TICMA FLUID V** additive system and Group III base oil formulation ensures very good lubrication of gear trains and hydraulic controls, and also that immersed brakes work properly without chattering.

USES

Mechanical transmissions: Gearboxes and axles, differentials, final drives and immersed brakes.
Hydraulic controls and power-assisted steering for construction machinery.
Wet clutches for construction machinery.

Characteristics	Standards	Units	Values
Colour	/	/	Brown
Density at 20°C	ASTM D4052	g/cm ³	0852
Viscosity at 40°C	ASTM D7042	mm ² /s	37.6
Viscosity at 100°C	ASTM D7042	mm ² /s	7.5
Viscosity index	ASTM D2270	-	171
Pour point	ASTM D97 B	°C	-48
Flash point (open cup)	ASTM D92	°C	233

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 impacts 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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