

A lubricant for construction machinery mechanical transmissions, used as a hydraulic control fluid. Suitable for “powershift” transmissions.

PERFORMANCE

Specifications:

CATERPILLAR TO-4
ALLISON C4

ADVANTAGES

Specially created for construction machinery mechanical transmissions, TICMA FLUID TO-4 contains extreme pressure and anti-wear additives that considerably reduce gear wear.

The presence of friction modifiers in the formulation prevents any chatter and noise phenomena.

USES

Recommended as a “powershift” transmission fluid and as a hydraulic fluid on construction machinery, and specifically for CATERPILLAR machinery.

Also recommended for hydraulic transmissions and controls requiring an oil meeting the ALLISON C4 standard.

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Characteristics	Standards	Units	10W	30	50
Density at 15°C	ASTM D4052	g/cm ³	0883	0888	0906
Kinematic viscosity at 40°C	ASTM D7042	mm ² /s	39.45	94.2	206
Kinematic viscosity at 100°C	ASTM D7042	mm ² /s	6.2	11.1	17.9
Viscosity index	ASTM D2270	-	106	102	95
Pour point °C	ASTM D92	°C	-41	-30	-21
Flash point (open cup)	ASTM D97	°C	220	240	240

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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