

Synthetic fluid for hydraulic brake and clutch control systems, type LHS (Synthetic Hydraulic Fluid).

## SPECIFICATIONS

FMVSS 116 **DOT 5.1** : The DOT 5.1 is the most powerful brake fluid and best suited to the most demanding drivers.

Others specifications : **ISO 4925 / SAE J 1704 / NON SILICONE BASE**

## ADVANTAGES

Its properties give it a very high thermal stability with a **low freezing point**. Does not alter the built-in seals of the brake systems.

This highly technical product also has a **very high boiling point**, > 260 ° C / 500 ° F thus allowing an optimal braking capacity.

## USES

- ✓ Suitable for anti-lock braking systems (ABS).
- ✓ Do not mix with mineral-based liquids such as LHM (painted green) and silicone (DOT 5 silicone base).
- ✓ Ready-to-use product.
- ✓ Make sure that the braking system is properly vented.



Characteristics	Methods	units	Values
Appearance and color	Visual		Clear liquid, free of suspended solids and amber colored sediments
Composition	-		Mixture of polyglycols, glycol ether, glycol ether borate and inhibitors
Density at 20 ° C	ASTM D1298	g/cm3	1.030 à 1.085
Dry boiling point	-	°C	> 260
pH	-	-	7 - 11,5
Kinematic viscosity at 100°C	FMVSS116	mm2/s	> 1.5 mm <sup>2</sup> /s
Kinematic viscosity at -40°C	FMVSS116	mm2/s	< 900 mm <sup>2</sup> /s

*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.*

Document ref.: XIII-IGOL037-1910  
Published : 15/10/2019

