

**Mineral lubricant for diesel engines.**

Recommended for all supercharged or atmospheric diesel engines operating in severe conditions, in all seasons: trucks, coaches, public works equipment and agricultural machinery, requiring the use of a monograde oil.

Recommended for use in certain transmissions where a monograde oil is required by the manufacturer. Also suitable for petrol engines.

**PERFORMANCES**

**Standards :**

ACEA E2  
API CF-4/CF  
API CE/CD/SF  
CCMC D-4

**Spécifications :**

MERCEDES 227.0 (SAE 30)  
ZF TE-ML 03A  
JCB 4001/0300 (SAE 30)

**ADVANTAGES**

**IGOL PRO 4 MONO** ensures drain intervals of 15,000 kms up to 30,000 kms for long-distance traffic.

Very good level of detergency to combat deposit formation.

Very good anti-wear and anti-corrosion properties ensuring the longevity of engines and transmissions.

Technical data sheet



**PHYSICO-CHEMICAL PROPERTIES**

Characteristics	Standards	Unit	Values				
			10W	20W	30	40	50
Viscosity grade	SAE J 300	-	10W	20W	30	40	50
Specific gravity at	ASTM D4062	kg/m <sup>3</sup>	875	885	890	898	900
Cinematic viscosity	ASTM D7042	mm <sup>2</sup> /s	34.80	55.30	86.10	135.00	185.60
Cinematic viscosity	ASTM D7042	mm <sup>2</sup> /s	6.10	7.90	10.40	13.5	17.50
Viscosity Index	ASTM D2270	-	120	112	104	100	102
Pour point	ASTM D97 B	°C	-27	-24	-18	-15	-12
Flash point	ASTM D92	°C	228	236	252	254	260
TBN	ASTM D 2896	mg KOH/g	9.0	9.0	10.2	9.6	9.5
Sulfated Ash	ASTM D2896	% masse	1,2 max	1,2 max	1,4 max	1,2 max	1,2 max

*Note: Before use, always check the manufacturer's recommendations*

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

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