

**Multipurpose lubricant Technosynthese®**  
**Construction machinery**  
**Technosynthese®**

## TYPE OF USE

Multipurpose Technosynthese® lubricant reinforced with a synthetic base.  
Meets most of the last requirements of construction vehicle manufacturers.  
Suitable for diesel engine, turbocharged or not, gasoline engines, mechanical transmissions, wet brakes and hydraulic systems.  
Recommended for new farm machines working under severe conditions.

## PERFORMANCES

- New performance API CF-4 : deposits control around the rings increase engine protection and engine life time.
- New performance API CH-4 / ACEA E5 : outstanding dispersive properties, soot control avoid oil filter plugging during the complete drain interval. Avoid liners polishing.
- Anti-wear protection.
- A single lubricant to lubricate Engine / Transmissions (gearboxes and axles) / Wet brakes / and Hydraulic systems in order to avoid misuse or mixture.

## RECOMMENDATIONS

Oil change according to oil test results and to vehicle manufacturer recommendations.

## PROPERTIES

Viscosity grade	SAE J 300	15W-40
Density at 20°C (68°F)	ASTM D1298	0.877
Viscosity at 40°C (104°F)	ASTM D445	101.7 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	142.0

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

MOTUL - 119 Bd Félix Faure - 93303 - AUBERVILLIERS CEDEX - BP 94 - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - [www.motul.com](http://www.motul.com)

**MULTISYNTHESE UNIVERSAL 15W-40**

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Pour point	ASTM D97	-30.0 °C / -22.0 °F
Flash point	ASTM D92	236.0 °C / 456.0 °F
TBN	ASTM D2896	11.3 mg KOH/g

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STANDARDS	
	NEW HOLLAND TRANSMISSION
<b>ACEA</b>	E5 ENGINE - (Soot control)
<b>AFNOR</b>	48603 HV HYDRAULIC
<b>API</b>	CF-4 / SF ENGINE, CH-4 ENGINE, GL-4 TRANSMISSION
<b>ISO</b>	VG 68 / 100 HYDRAULIC
<b>SAE</b>	15W-40 ENGINE, 80W-90 TRANSMISSION
OE PERFORMANCES	
<b>ATLAS COPCO</b>	PNEUROP oxidation test- HOLMAN COMPAIR- ATLAS COPCO 250 COMPRESSOR
<b>CATERPILLAR</b>	TO-2 TRANSMISSION
<b>FORD</b>	30/40 TRANSMISSION, M2C 159 B TRANSMISSION
<b>HOLMAN</b>	PNEUROP oxidation test- HOLMAN COMPAIR- ATLAS COPCO 250 COMPRESSOR
<b>JOHN DEERE</b>	JDM 27 TRANSMISSION
<b>MASSEY FERGUSON</b>	MF 1139 TRANSMISSION
<b>MERCEDES-BENZ</b>	MB 227.1 ENGINE
<b>ZF</b>	TE-ML 06C TRANSMISSION
PRODUCTS	
<b>COMPAIR</b>	PNEUROP oxidation test- HOLMAN COMPAIR- ATLAS COPCO 250 COMPRESSOR
<b>ZF</b>	TE-ML 06C TRANSMISSION

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