

# TECHNICAL NEWSLETTER

# No.4

 AUTOMOTIVE  
 WWW.TOTALNORDIC.COM

## AUTOMOTIVE LUBRICANTS

### JAGUAR AND LAND ROVER NEW APPROVAL



We have the pleasure to inform you that TOTAL and ELF lubricants have obtained the first JAGUAR LAND ROVER engine oil approvals EVER.

Those approvals testify that our products satisfy even the most stringent requirements of the luxury car brands and their engines and could. Jaguar Land Rover was part of Ford GROUP and hence

historically, has followed Ford Engine Oil specifications WSS-M2C 913-D and WSS-M2C 948-B.

In the beginning of 2014, JLR introduced their own 4 new engine oil specifications which are still referenced on the Ford specifications. The specific Ford engine tests have been replaced by JLR engine tests and a new one was added.

#### SPECIFICATIONS


JLR Specification	SAE Viscosity Grade	ACEA Specification	Additional remark
STJLR 03.5003	5W-30	A5/B5	Compression ignition and spark engines (Specification Based on Ford WSS M2C 913-C)
STJLR 03.5004	5W-20	A1/B1	For big gasoline engines (Spark ignition engines)
STJLR 03.5005	5W-30	C1	Low SAPS oil for compression ignition engines (Specification based on Ford WSS-M2C 948-B)
STJLR 51.5122	0W-20	A1/B1	Supercharged gasoline engines
STJLR 03.5007	0W-30	C2	For spark ignition and compression ignition engines


Currently, we have 3 TOTAL products and 1 ELF product fulfilling the requirements of the above mentioned Jaguar Land Rover specifications. Moreover, we expect new products answering to JLR requirements to be launched soon.

#### PRODUCTS

Product	TOTAL QUARTZ 9000 Future NFC 5W-30
International Specifications	➤ ACEA A5/B5; API SL/CF
Product Characteristics	➤ Synthetic technology lubricant ➤ Fuel Economy technology 
OEM Approvals	➤ FORD : WSS-M2C913-D ( Backward compatible FORD WSS-M2C913-C) ➤ Satisfies technical requirements of VOLVO ➤ JAGUAR LAND ROVER: STJLR 03.5003

Product	ELF EVOLUTION 900 SXR 5W-30
International Specifications	➤ ACEA A5/B5 ; API SL/CF
Product Characteristics	➤ Synthetic technology lubricant ➤ Fuel Economy Technology 
OEM Approvals	➤ RENAULT : RN 0700 (except 2.0 16V Renault Sport, 2.0 T Renault Sport, V6 Renault Sport) ➤ FORD : WSS-M2C913-D ( Backward compatible FORD WSS-M2C913-C) ➤ JAGUAR LAND ROVER: STJLR 03.5003

Product	TOTAL QUARTZ 9000 Future EcoB 5W-20
International Specifications	➤ ACEA A1/B1. API SN
Product Characteristics	➤ Synthetic technology lubricant ➤ Fuel Economy technology 
OEM Approvals	➤ FORD : WSS-M2C948-B ➤ JAGUAR LAND ROVER: STJLR 03.5004

Product	TOTAL QUARTZ INEO C1 5W-30
International Specifications	➤ ACEA C1
Product Characteristics	➤ Synthetic technology lubricant ➤ Fuel Economy and Low SAPS 
OEM Approvals	➤ Satisfies technical requirements of FORD: WSS-M2C934-B ➤ JAGUAR LAND ROVER: STJLR 03.5005 (Approval pending)



## NEW PRODUCT

### QUARTZ 9000 V-DRIVE 0W-20

OEM approval: VOLVO  
VCC RBS0-2AE



Learn more via our Technical Newsletter or by visiting our website: [www.totalnordic.com](http://www.totalnordic.com)

## TECHNICAL ACHIEVEMENT

### SYNTHETIC TECHNOLOGY LUBRICANTS

TOTAL QUARTZ 9000 range and ELF EVOLUTION 900 range are based on the finest synthetic technology selected by TOTAL R&D engineers in order to ensure the following benefits:

- ✓ Improved **ENGINE PROTECTION**
- ✓ Increased engine **EFFICIENCY AND PERFORMANCE**
- ✓ **REDUCE FRICTIONS**
- ✓ **ENSURE EASY START-UP**, especially during winter time
- ✓ **FUEL ECONOMY**