

# TOTAL RUBIA TIR PROTECTS

# MERCEDES BENZ



**TOTAL RUBIA TIR LUBRICANT  
RECOMMENDATIONS FOR  
MERCEDES-BENZ TRUCKS**



# YOUR **MERCEDES-BENZ** FLEET IS THE LIFEBLOOD OF YOUR BUSINESS. GO FURTHER EVERY DAY WITH **TOTAL RUBIA TIR.**

TOTAL RUBIA TIR contributes to your business in 3 ways:

## 1. TOP QUALITY ENGINE OILS

TOTAL RUBIA TIR meets the **PERFORMANCE LEVELS SPECIFIED BY DAF** and has many other constructors' approvals, ACEA and API specifications to support your mixed branded fleet.



• TOTAL RUBIA TIR has **TOTAL FUEL ECONOMY (FE) TECHNOLOGY** to reduce your operating cost. Savings of up to **3%** or 1L per 100km\* has been certified for EURO 4 engines by independent organisations (MILLBROOK, TUV, VCA).



• TOTAL RUBIA TIR has **LOW SAPS TECHNOLOGY** to protect your engine's Diesel Particulate Filter (DPF).

• TOTAL RUBIA TIR with **T.I.R TECHNOLOGY** brings out the most out of your diesel engine vehicle fleet. T.I.R Technology is specially developed at our dedicated lubricants research and development centre in Solaize, France.

## 2. INNOVATIVE FLEET MANAGEMENT SERVICES

Adapted to your business needs, giving you the peace of mind.



• **ANAC:** a preventive maintenance and troubleshooting tool giving expert and personalised diagnostics of your engines using samples of the oils in service.



• **LUBCONSULT:** online fleet management tool for lubricant recommendation and oil change intervals.



## 3. LOCAL NETWORK OF SALES AND TECHNICAL SUPPORT

Listening to your everyday needs as your best partner for managing your fleet.

- Close proximity ensures quicker response and closer understanding of your needs.
- Recommendation of products best suited to your requirements.
- Provision of locally adapted tools to help dealers and distributors promote their sales.



\*With the combined use of TOTAL Fuel Economy lubricants for engines, gearboxes and axles.

MERCEDES-BENZ APPROVALS	LEVEL OF PERFORMANCE MAX ★★★	APPLICATION
MB-Approval 228.51	★★★★	Extra long drain interval. Suitable for EURO 6 or earlier engines with or without DPF. <b>LOW SAPS</b>
MB-Approval 228.5	★★★	Extra long drain interval. Suitable for EURO 5 or earlier engines without DPF.
MB-Approval 228.31	★★★★	Long drain interval. Suitable for EURO 5 or earlier engines with or without DPF. <b>LOW SAPS</b>
MB-Approval 228.3	★★★	Long drain interval. Suitable for EURO 5 or earlier engines without DPF.



RUBIA TIR ENGINE OIL DEDICATED TO MERCEDES-BENZ TRUCKS	RUBIA TIR 9900 FE 5W-30	RUBIA TIR 9200 FE 5W-30	RUBIA TIR 8900 FE 10W-30	RUBIA TIR 8600 FE 10W-30	RUBIA TIR 7900 FE 10W-30	RUBIA TIR 7200 FE 15W-30	RUBIA TIR 9900 10W-40	RUBIA TIR 8900 10W-40	RUBIA TIR 8600 10W-40	RUBIA TIR 7900 15W-40	RUBIA TIR 7400 15W40	RUBIA TIR 6400 15W-40
MB-Approval 228.51	✓		✓				✓	✓				
MB-Approval 228.5		✓		✓					✓			
MB-Approval 228.31					✓					✓		
MB-Approval 228.3						✓					✓	✓
Fuel Economy	✓	✓	✓	✓	✓	✓						
Low SAPS	✓		✓		✓		✓	✓		✓		



COMPONENT OF MERCEDES-BENZ TRUCK	RECOMMENDED LUBRICANTS & SPECIALTIES	SPECIFICATIONS	APPLICATIONS
 <b>MANUAL GEARBOX</b>	TRANSMISSION GEAR 9V FE 75W-80	MB-Approval 235.29 API GL-4	<ul style="list-style-type: none"> <li>Suitable for synchronized manual transmissions (with interarder/ retarder) of category Voith C.</li> </ul>
	TRANSMISSION GEAR 9 FE 75W-80	MB-Approval 235.28 API GL-4	<ul style="list-style-type: none"> <li>Suitable for synchronized manual transmissions (with interarder/ retarder) of category Voith B.</li> </ul>
	TRANSMISSION GEAR 9 FE 75W-90	MB-Approval 235.11 API GL-4	<ul style="list-style-type: none"> <li>Suitable for manual automatic gearbox and transfer box (with or without radiator oil).</li> <li>Lubricant with exceptional thermal stability helping to achieve very long drain intervals.</li> </ul>
	TRANSMISSION GEAR 7 80W-85	MB-Approval 235.1 API GL-4	<ul style="list-style-type: none"> <li>Standard extreme pressure oil for manual and automatic gearboxes, transfer box and mechanisms of dismissal.</li> </ul>
 <b>AXLES</b>	TRANSMISSION AXLE 9 FE 75W-90	MB-Approval 235.8 API GL-5 / MT-1	<ul style="list-style-type: none"> <li>Recommended for hypoid differentials under conditions of severe load.</li> <li>Product with excellent thermal stability guaranteeing long drain intervals.</li> </ul>
	TRANSMISSION AXLE 9 80W-90	MB-Approval 235.20 API GL-5 / MT-1	<ul style="list-style-type: none"> <li>Recommended for all Mercedes-Benz differentials in particular HL-6 requiring an approved lubricant 235.20.</li> <li>Product guaranteeing long drain intervals.</li> </ul>
	TRANSMISSION AXLE 7 85W-90	MB-Approval 235.0 API GL-5	<ul style="list-style-type: none"> <li>Recommended for Mercedes-Benz non-synchronizers transfer gearboxes.</li> <li>Suitable for hypoid differentials and power take-off boxes.</li> </ul>
 <b>MANUAL GEARBOX &amp; AXLES</b>	TRANSMISSION DUAL 9 FE 75W-90	MB-Approval 235.8 API GL-4 / GL-5 / MT-1	<ul style="list-style-type: none"> <li>Recommended for hypoid differentials under conditions of severe load.</li> <li>Product with excellent thermal stability guaranteeing long drain intervals.</li> </ul>
 <b>AUTOMATIC GEARBOX &amp; POWER STEERING</b>	FLUIDE XLD FE	MB-Approval 236.6 DEXRON® III H	<ul style="list-style-type: none"> <li>Fluid for automatic gearboxes heavy trucks Allison, ZF, Voith and power steering guaranteeing very extended oil drain intervals.</li> </ul>
	FLUIDE G3	MB-Approval 236.9 DEXRON® III H	<ul style="list-style-type: none"> <li>Suitable for all automatic gearboxes applications (MB, ZF, Voith, Allison) equipping industrial vehicles and bus.</li> <li>Suitable for couplers and hydraulic converters.</li> </ul>
 <b>COOLING SYSTEMS</b>	COOLELF AUTO SUPRA -37°C	MB-Approval 326.3 AFNOR NFR 15-601 ASTM D3306/ D4656/ D4985/ D6210 BS 6580	<ul style="list-style-type: none"> <li>Premixed anti-freeze providing excellent protection against corrosion and cavitation.</li> <li>Ready to use.</li> </ul>
	COOLELF SI-OAT	MB-Approval 326.5/ 326.6	<ul style="list-style-type: none"> <li>New product for EURO 6 engines with hybrid organic acid technology (Si-OAT).</li> <li>Excellent protection against corrosion and cavitation.</li> <li>Ready to use.</li> </ul>
 <b>BRAKES &amp; CLUTCH</b>	HBF 4	DOT 4 SAE J 1704 ISO 4925 Class 4	<ul style="list-style-type: none"> <li>Recommended for brake and clutch systems.</li> </ul>



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