

## Preventative Maintenance of axles or transmissions

Preventative Maintenance allows to avoid any wear or damage, prevent serious damage and limit repairs, preserving the reliability and efficiency of the CARRARO axle or transmission.

Specified lubrication intervals are for standard-duty use. Severe operating conditions require shorter intervals.

**Table 1 – AXLES service schedule**

Operation	First time		Ordinary maintenance	
	Interval	Requirement	Interval	Requirement
Check and adjust oil level	50 – 100 hours	●	monthly or every 300 - 400 hours <sup>(1)</sup>	●
Axle oil change	150 – 200 hours	■	seasonally or every 1500 hours <sup>(1)</sup>	●
Clean magnetic oil plugs	first oil change	■	every oil change	●
Clean oil breather	150 – 200 hours <sup>(3)</sup>	■	monthly or every 300 - 400 hours <sup>(1)</sup>	●
Greasing (if required)	150 – 200 hours <sup>(3)</sup>	●	weekly or every 150 - 200 hours <sup>(1) (2)</sup>	●
Lubrication works (if required)	150 – 200 hours <sup>(3)</sup>	■	seasonally or every 1500 hours <sup>(1)</sup>	■

### Remarks

- this operation must be performed only by personnel authorized by the manufacturer
- this operation must be performed only by trained personnel

<sup>(1)</sup> which of both conditions comes first

<sup>(2)</sup> in case of severe operating condition → 50 hours for axle / 250 hours for transmission

<sup>(3)</sup> at the season end if you have not reached the indicated work-hours

**Table 2 – TLB TRANSMISSION service schedule**

Operation	First time		Ordinary maintenance	
	Interval	Requirement	Interval	Requirement
Oil level check/filling up	50 hours <sup>(3)</sup>	■	every 500 hours <sup>(2)</sup>	■
Oil replacement	100 hours	■	seasonally or every 1000 hours <sup>(1)</sup>	■
Oil filter replacement	100 hours	■	seasonally or every 500 hours <sup>(1)</sup>	■
Couplings and tightening torques (flanges, threaded parts) checks	100 hours	●	seasonally or every 1000 hours <sup>(1)</sup>	●
Hydraulic parts (torque converter, oil pump, manifold, pipe connections) checks	100 hours	●	seasonally or every 1000 hours <sup>(1)</sup>	●
Electric and electronic parts (connections, wirings, controls) checks	100 hours	●	seasonally or every 1000 hours <sup>(1)</sup>	●