

## **Liebherr is Exhibiting the L 556 Wheel Loader at World of Concrete 2014**

**Newport News, VA, USA, January 2014 – The new generation of Liebherr Wheel Loaders will be presented at the 2014 World of Concrete show in Las Vegas (USA). The L 556 model on display belongs to the large-size range of Liebherr wheel loaders and complies with Tier 4i / stage IIIB emission standards. These new-generation machines have an optimized tipping load that further improves productivity and stability.**

The L 556 with Z-bar linkage for standard operations on display achieves a tipping load of 29,870 lb (13,550 kg) at an operating weight of 39,460 lb (17,900 kg). The machine is equipped with a 4.7 yd<sup>3</sup> (3.6 m<sup>3</sup>) bucket and is driven by a 188 HP (l) / 140 kW Liebherr 4-cylinder diesel engine.

The engine compartment on the L 556 has been redesigned so that the diesel engine is installed transversely, which is a unique configuration in this class. This gives the machine an even more compact layout, and makes all of the principal maintenance points accessible from ground level. The panoramic windshield makes for excellent all-round visibility.

### **Innovations for greater productivity on the new large wheel loaders**

For the Tier 4i / stage IIIB generation, Liebherr continues to use hydrostatic drive concept together with the Liebherr Power Efficiency (LPE). This is an electronic control system that increases the machine's handling power and keeps fuel consumption to a minimum.

The new-generation diesel engines are now even more environmentally friendly, with many other improvements, too: precision common-rail fuel injection optimizes the combustion process and reduces CO<sub>2</sub> emissions. Exhaust emission control is by means of a diesel oxidation catalytic converter combined with a diesel particulate filter. In most situations, this filter can be actively regenerated by burning off deposits during operation of the machine, and the task in hand continued without interruption.

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