Excellent performance – WEICHAI



WP10 Engine

- ➤ Big bore engine, better power performance
- ➤ Good fuel consumption
- ➤ Higher reliability

With a maximum torque of 1460 N.m at an engine speed ranging from 1400 to 1600 r/min

WP10 life: 1200, 000km

• As one of the best Chinese engine brand, WEICHAI engine is widely used in domestic and overseas market. As for South American market, Weichai has been well recognized and accepted by the local customer in the countries like Chile, Ecuador, Venezuela due to its reliable performance.

Truck Brand	JAC
Engine Model	WP10.380E32
Emission standard	EUROIII
Engine Disp (cc)	9.726L
Rated Power (hp)	380
Max. engine Torque (N.m/rpm)	1460/1400-1600

• Weichai has set up a first-class quality, performance and technical index system in order to achieve a full range of promotion, to the high end, to the global call for Weichai brand, and the WP10 engine will carry the dream of the high end of the Weichai engine. The WP10 with "six advantages" has become the leader in the big horsepower market. What are the six advantages?

- 1. High reliability. According to market demand and usage,
 Weichai has increased the life of B10 to 1 million 800
 thousand kilometres /30000 hours, and once again redefined
 the industry standard. At the same time, the system and parts
 are decomposed by the actual road spectrum, and a high
 reliability model is made by Weichai. The key parts, such as
 connecting rod, crankshaft and body, are verified by the
 fatigue test of infinite life. On road verification, WP10 can
 easily reach 1 million 800 thousand km road life and the
 average fault interval is more than 300 thousand km.
- 2. Low fuel consumption. The result of "100 kilometres fuel consumption is 3-5 litres lower than competing products" results in WP10's attention. It is understood that WP10 has adopted a series of black technology, which not only optimizes the matching of turbocharger, but also adopts some low power consumption intelligent accessories. Among them,

the electric control fan can save oil by 1%, the electric control unit can save oil by 0.5%, the oil pump of the electronic control machine can save oil 0.3%, the electric control pump can save oil by 0.8%, and the electric control air compressor can save oil 1%... A series of figures, it is confirmed that WP10 is the "power faction".

- 3. The power is strong. The power range of WP10 covers 380HP and the maximum torque can reach 1460N.M/1400-1600r/min. At the same time, it can also match the small speed ratio rear axle; reduce engine speed, and more energy saving and efficient.
- 4. NVH is excellent in quality. Weichai has an anechoic test room the largest and most advanced performance. The result of scientific and rigorous test is that the noise of WP10 is lower than that of competing products, which is lower than 2-3dB.

- 5. Maintenance of long distance. WP10 maintenance mileage can be up to 120 thousand km, the oil filter adopts synthetic filter material, and the capacity of ash retention is increased, and the filtration efficiency can be increased by 200%.
- 6. The structure is compact. The cylinder centre distance of WP10 is only 150mm, which is almost 13L displacement, and the minimum cylinder centre distance of heavy-duty diesel engine. The compact structure will further enhance its matching capability.

JAC Motors and Weichai signed a strategic cooperation agreement

On July 25, 2019, JAC Motors and Weichai officially signed a strategic cooperation agreement in Hefei, Anhui, where JAC Headquarters is located. Chairman of JAC Motors, An Jin, and chairman of Shandong Heavy Industry Group and Weichai Group, Tan Xuguang, attended the

signing ceremony. According to the contents of the agreement, the two sides will further deepen cooperation in new energy-saving technologies, new energy and other fields, integrate superior resources, jointly enhance market competitiveness, and achieve win-win cooperation.

• On July 25, 2019, Strategic Cooperation Signing Ceremony between JAC Motors and Weichai. JAC Motors and Weichai have a long history of cooperation and a deep emotional foundation. As early as 2013, the two sides signed a strategic cooperation agreement and carried out a series of in-depth cooperation in the fields of R&D, manufacturing, sales and service. Both parties have achieved rapid development in their respective business fields and laid a good foundation for further cooperation.

• As a comprehensive automobile enterprise group that combines the research, production, sales and service of a full range of commercial vehicles, passenger vehicles and power trains, JAC Motors is a comprehensive automobile enterprise group with advanced energy-saving vehicles, new energy vehicles and intelligent network vehicles with a decisive position in the industry. The accumulated sales of high-end heavy trucks K7 are more than 2,000 vehicles in the whole year with an increase of nearly 90%. As a crosssegment and cross-industry international company, Weichai has developed into an international automotive and equipment manufacturing group with a power system as its core and covering diversified businesses such as commercial vehicles, intelligent logistics and engineering machinery. In 2018, the income exceeded 230 billion yuan.

- The signing of the strategic cooperation agreement and the further cooperation between the two parties will further make full use of their leading advantages in the field of vehicle and power, which will definitely have a farreaching impact on the development of the two enterprises and bring more positive promotion to the development of the industry.
- "Technology is the primary productive force" .Both sides attach great importance to new product research and development and technological innovation.
- JAC always takes "energy saving, safety, environmental protection, intelligence and comfort" as the key technology research and development route, strengthens the construction of key core technology capabilities, continuously improves the forward design and development

and test verification capabilities, and promotes independent research and development capabilities.