Automotive Axle & Propeller Shaft Market by Position, Axle Type, Propeller Shaft Type, Material, & by Region– Forecast and Analysis to 2019

Description: Automotive Axle & Propeller Shaft Market by Position (Front & Rear), Axle Type (Live, Dead, & Tandem), Propeller Shaft Type (Front, Rear, & Inter-axle), Material (Alloy & Carbon Fiber), & by Region– Forecast and Analysis to 2019

The demand for automotive axles and propeller shafts is governed by global vehicle production. Axles are designed to bear the weight of the vehicle, and are required to be lightweight for fuel-efficiency and structurally stiff to handle the vehicle's powertrain requirements given the increased torque. Tier I suppliers are developing new technologies, focusing on reduction of fuel consumption. Suppliers have developed axles with faster ratios in heavy commercial applications to maintain vehicle speed and performance at lower rpms.

Propeller shaft or drive shaft is a mechanical component that is used to transmit torque and rotation to the rear wheels via the differential gears in the rear axle. To allow the variation that occurs in the alignment and distance between the driving and driven components, propeller shaft frequently incorporate one or more universal joints, jaw couplings, and sometimes prismatic joints.

The automotive industry requires automotive technical development to be environmentally friendly and highly efficient, and hence lightening the weight of propeller shaft and axles is also required. Suppliers are concentrating their efforts on developing cost-efficient lightweight solutions while improving the vehicle's NVH performance. Tier I suppliers are striving to meet the OEMs requirements for fuel-efficiency and enhancing the comfort of end-users, while driving in a wide array of terrains and weather conditions.

SCOPE OF THE REPORT
The global axle and propeller market is analyzed in terms of volume (thousand units) and value ($million) for the mentioned segments.

By Region
- Asia-Oceania
- Europe
- North America
- RoW

Axle Market, By Type
- Live
- Dead
- Tandem

Axle market, By Position
- Front
- Rear

Propeller Shaft market, By Position
- Front
- Rear
- Inter-axle

Propeller Shaft market, By Material
- Alloy
- Carbon Fiber

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