



A Supreme Test of Engineering Skill

Duesenberg Crankshaft Designed to Meet Requirements of 265 H. P. Motor

YOU may or may not be interested in machinery, but you are tremendously interested in knowing that all parts of your car are so perfectly built that you are completely freed from worry about the possibility of trouble, and are insured smooth, quiet, highly efficient performance at all times.

MUCH OF THE RESPONSIBILITY for your car's continuously successful performance rests upon the engine crankshaft. This important part of the motor must be tremendously strong and rigid to withstand the terrific power thrusts it receives. At the same time it must be so perfectly balanced that it smooths out the slightest power vibration.

AS THE "BACKBONE" of its 265 Horsepower engine, Duesenberg has the most remarkable crankshaft ever built into an automobile. Drop-forged, of the finest double heat-treated chrome nickel steel, 2 3/4 inches in diameter; providing extreme strength and rigidity equal to any strain. Mounted on five main bearings of unusual size, the shaft is counter-weighted and statically and dynamically balanced, to the smallest fraction of an ounce.

ALSO, THE CRANKSHAFT carries an entirely new type, mercury vibration dampener, especially designed by Mr.



The Duesenberg crankshaft is skillfully designed to secure smooth engine operation and long bearing life.

Duesenberg. Two cartridges, each containing 16 oz. of mercury, are attached to the cheeks of the shaft. Since mercury seeks its own level more quickly than any other known element, any periodic vibrations set up in the shaft are counteracted immediately by the movement of the mercury in the cartridges.

This unique device offers one of the reasons why the most powerful motor car engine built, delivers its power so smoothly and quietly at all speeds and under all driving conditions.

HERE IS ONLY ONE of many notable instances in the construction of this car, in which the creative pioneering genius of Fred Duesenberg has successfully solved new and trying engineering problems.

THE SAME painstaking skill used in designing an adequate crankshaft extends to all parts; the same passion for perfection is carried even to seemingly minor features and to fittings and appointments.

For a Duesenberg's superiority over all other cars consists in the extent to which it excels them in every detail; that is what makes it The World's Finest Motor Car.

A DUESENBERG owner pays no premium for pride in a name. A Duesenberg is marketed on the same basis as the most popular-priced car, Dollar for Dollar Value. DUESENBERG, INC., INDIANAPOLIS, IND.

"The World's Finest Motor Car"
Duesenberg