

Engine oils quality issues in Ukraine

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Several institutions and organizations that set the standards and give recommendations as for the quality parameters of finished lubricants represent a big player in the world of engine oils for passenger cars, along the producers of the finished lubricants. These structures often determine classifications for motor oils and license the manufacturing of specific grades and brands. Naturally, these organizations are based in Europe and the USA, where most of automobile manufacturing companies reside. Often, these institutions by issuing the standards for engine oil quality duplicate the values for most of the properties. It is here, where the manufacturer of lubricants must choose what standard to use when blending the oils.

One more player, for whom the quality of engine oil manufactured by the blending company according (or not) to the standards issued by the standardization organizations is represented by final consumers. Does the consumer have any power on quality of engine oils? How can the consumer influence it? Who sets the trends in the market and in the quality of lubricating oils for passenger cars? These questions are complex in their nature, require answers with explanations and are addressed in this paper.

In Ukraine, all these three objects (consumers, manufacturers, standards) create a set of trends and challenges for quality of engine oils. In their turn, these trends and challenges are different for all parties involved and experience different influence of transient and permanent technological, financial and market factors.

Biography

Mykola M. Zakharchuk has received his M.Sc. in Chemical technologies of fuels and lubricants from the National aviation university and currently is a post-grad student and assistant professor at this institution. His area of research includes formulation of new fuels, lubricants and additives. He has published more than 10 papers in various scientific magazines and has co-authored a manual for students.