

## On light scattering in transformer oil

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### Abstract

GK transformer oil is studied using the methods of UV and visible spectroscopy, dynamic light scattering, small-angle light scattering, scanning electron microscopy, and element analysis. The effect exerted on the optical properties of transformer oil by colloidal, micelle-like, and solid particles formed in oil during its exploitation is investigated. © 2011 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S0030400X11050158>

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