
Application of nanocrystalline molybdenum disulfide in machines with hydrodynamic transmissions

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Use of molybdenum disulfide additives with densities up to 5000 kg/m³ is considered. Additives produced by nanotechnology not only improve the viscosity and anticorrosion properties but also increase the density of working oils. This makes it possible to increase the capacity of the machines equipped with a torque converter, and reduce their dimensions with the same capacity.

Keywords: *hydrodynamic torque converter, capacity, density of fluid, additives, nanotechnology, molybdenum disulfide.*

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