

The intensive use of industrial and hydraulic equipment leads to rapid wear of components and mechanisms.

How to protect your equipment from its wear and your company from unnecessary costs of maintenance and repair?

The best protection for your equipment is NeoDrive!

NEODRIVE – TRIBOTECHNICAL COMPOUNDS OF THE NEW GENERATION

The compositions are a suspension of a fine powder of natural minerals, which makes it possible to form a new friction structure with the most optimal tribotechnical properties on the friction surfaces of the units and mechanisms during the normal operation.

THE MAIN PROPERTIES OF TRIBOTECHNICAL COMPOSITIONS NEODRIVE:

- Antifriction
- Anti-wear
- Anti-seize
- Compatible with all types of oils
- Are not additives

The processing of units, aggregates and mechanisms by NeoDrive compositions is carried out by adding a grease into the standard oil system or it is applied to the workpieces directly before the assembling, modifying the surfaces of friction pairs. The composition of NeoDrive is added into the old oil. Oil quality does not play any role.

The formation of a protective layer on worn friction surfaces is a process, controlled by the friction system. The properties of the protective layer and its thickness are determined exclusively by the current conditions of the friction zone: load, speed, temperature.

FORMATION OF A NEW PROTECTIVE LAYER on the friction units occurs in several stages:

1 STAGE

Surface preparation — fine cleaning of the surface layer of friction pairs, deformed during operation.

2 STAGE

Formation of the protective layer — the formation of a protective servovite layer of increased strength with enhanced oil-retaining ability on the prepared surface of the metal. This technology allows you to hide traces of scuffing, scratches, and chips. The thickness of the layer is exactly suitable for wear compensation and clearance optimization in the friction pairs.

3 STAGE

Dynamic regulation of the protective layer — maintenance of the protective layer with the parameters which are necessary for the friction system for the optimum state in a particular operating mode. Dynamic regulation of the protective layer parameters is carried out, which is necessary for wear compensation and for clearance optimization in the friction pairs. The friction regime is shifted to the hydrodynamic regime of friction and wear in this zone is minimal.

The use of tribotechnical compositions of NeoDrive allows specialists from enterprises of all industries to solve a wide range of issues related to the operation of technological and auxiliary equipment, to increase the time of overhaul and preventive service of assemblies and mechanisms, and to achieve significant savings in material and financial resources.

USE OUR EXPERIENCE



- Water transport, shipbuilding, port equipment
- Hydraulic and pumping equipment
- Oil and gas production and drilling equipment
- Power equipment
- Mining and quarrying equipment
- Road-building, municipal and hoisting-and-transport engineering
- Housing and communal machinery and equipment
- Woodworking equipment
- Passenger transport
- Agriculture
- Metallurgical production
- Equipment for railway transport and wagon building
- Heavy engineering and machine-tool construction
- Automotive industry

COMPOSITE №1 (100 ml)

For the processing of compressors, superchargers, vacuum pumps

COMPOSITE №2 (100 ml)

For the processing of industrial, railway and ship engines

COMPOSITE №3 (100 ml)

For the processing of machine tools

COMPOSITE №4 (100 ml)

For the processing of gears, guides, bearings and other mechanisms, lubricated with grease of any type



NEODRIVE
COMPOSITE



COMPOSITE №5 (100 ml)

For the processing of rolling bearings

COMPOSITE №6 (100 ml)

For the processing of reducers, multipliers, gear transmissions of any type

COMPOSITE №7 (100 ml)

For the processing of hydraulic systems, presses, actuators, lifters, manipulators

COMPOSITE №8 (100 ml)

For the processing of drilling equipment