

Hydraulic Oil Additive Special for industry

Bardahl Hydraulic Oil Additive reduces friction and wears between sliding surfaces of hydraulic pumps and motors. Bardahl's anti-friction lubricants, as also used by NASA and the U.S. Air Force in the space program, help reduce costs by:

- Extending the life of hydraulic pumps, motors, and oil
- Shorter downtime for normal maintenance
- Ensures greater operational reliability with fewer costly malfunctions
- In many cases, reduction of temperature and energy consumption.

Bardahl Hydraulic Oil Additive contains unique polar attraction components, which adhere to the metal and not by high-pressure lubrication, as soon as the lubricating film of normal hydrocarbon lubricants is broken. Without Bardahl's added protection, friction and heat will cause extraordinary wear and tear, and jamming of the pump can be the irrevocable result.

Action

- Lubricates and protects the parts far above the combustion point of ordinary lubricants
- Reduces wear by 60 to 80%
- Reduces friction, which is the main cause of hydraulic pump wear
- Reduces the build-up of coal, sludge, varnish and gum, which in turn results in power loss
- Reduced noise production.
- Provides and extends storage. (equipment)

Bardahl Hydraulic Oil Additive is an additive, specially developed for the application in hydraulic systems, for which oils are used, the main components of which are mineral oils. This addition ensures optimal functioning of the various hydraulic systems under the least favorable conditions.

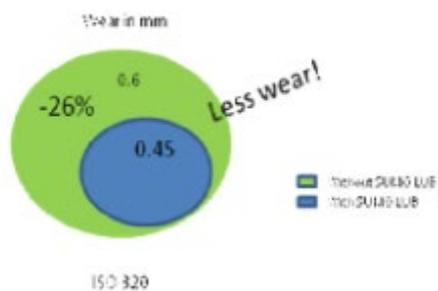
If **at least 5 %** is added to the hydraulic oil in hydraulic systems, it shall give this mixture the following improved properties:

- Prevents rusting of the system
- Prevents the oxidation of the oil and therefore extends the life of the oil.
- Reduces wear on the gears, pistons or vanes of the pump.
- Prevents foaming to ensure proper functioning of the system
- Allows for easier system start-up, by reducing internal friction
- Ensures proper operation of the system at varying operating temperatures.
- Ensures a lower pouring point (freezing point)
- Cleans the sliding surfaces and keeps them clean

Since the base oils for hydraulic systems are also good lubricants for gearboxes of machine tools, for ring lubrication bearings, rolling bearings, etc., this addition can also be used for this. This then gives all the advantages that are so characteristic of the Bardahl lubricants, namely the reduction of wear and the prevention of corrosion.

M/10/225

Extreme pression 4 ball wear test



***after analysis of current hydraulic oil, the best additive advice can be given.**

Article number 70355
Contents 5 liter

Article number 70382
Contents 25 liter

Article number 70386
Contents 60 liter