



Concentrated Gear Oil Additive

A custom concentrate of Bardahl's famous 'polar attraction' formula for decreasing friction and noise in gearboxes and power steering units.

The problem

Transmissions and differentials suffer different loads at different times, high pressures at startup, lower pressures at running speeds and often sudden, drastic pressure changes while changing gears or speed. With inadequate lubrication, this load shifting from heavy to light can cause high heat, bearing growl, gear noises and damaging wear.

Power steering pumps, pressure valves and bearings must respond quickly and smoothly. They need the same full-time lubrication as other moving parts and they must be free of varnish or valves will stick, pumps and bearings will squeal. Without proper cleaning and lubrication, power steering units are unreliable and noisy. One common problem comes from varnish making the pressure release valve stick. When this happens, the pump overloads and stops while the drive belt continues; the belt screeches on the drive pulley.

The action

Bardahl Concentrated Gear Oil Additive coats metal with a full-time, 'polar attraction' film. This Bardahl film is a special blend of polar organic compounds and extreme pressure agents that bond to metal, smoothing the microscopic peaks and valleys that cause friction. It lubricates under pressures and temperatures that can destroy regular lubricants. At the same time it undermines and clears away varnish. In gearboxes this means less noise and longer life for bearings, gears and shafts. It means less heat under the load. It can mean using higher gears going uphill and lower heat during compression braking.

In power steering units **Bardahl Concentrated Gear Oil Additive** cleans and lubricates. It gives bearings and pumps longer life, frees valves and stops noise.

Directions for use

For gearboxes:

- Add 125ml **Bardahl Concentrated Gear Oil Additive** to each unit in stead of 125ml of regular lubrication.
- For large units, use 10% **Bardahl Concentrated Gear Oil Additive**.

For Power Steering:

- Add 125ml. in place of regular lubrication.
- Start the engine.
- Turn steering wheel fully right then fully left 10-15 times.
- Always replace the drive belt if damaged or worn.

Article number 1604

Contents 125 ml

BARDAHL NL – OCD INTERNATIONAL

Maxwellstraat 41 - 2216GP Dordrecht - Postbus 9024 - 3301 AA Dordrecht

Tel (078) 6512322 - Fax (078) 6174848 - email: info@bardahl.nl - website: www.bardahl.nl