



Product Information:

# LODEXOL PG INDUSTRIAL GEAR OILS

## FULLY SYNTHETIC PAG

### Description

A range of fully synthetic gear oils, manufactured from polyalkylene glycol (PAG) fluids and specialised extreme pressure (EP) additives, to provide outstanding protection at all temperatures to industrial gear systems.

Unlike conventional gear oils PAG fluids maintain an effective lubricating film over a wide operating temperature range, from arctic conditions to high thermal loadings. PAG fluids also have a high level of natural lubricity, reducing friction and lowering operating temperatures. As well as excellent load carrying capacity, anti-wear performance and EP properties, these grades also offer excellent rust and corrosion protection.

### Applications

LODEXOL PG Grades are formulated and recommended for use in all types of industrial gearboxes, especially worm gear drives, where high loadings and speed can cause temperatures approaching the design limit of the equipment.

LODEXOL PG 150 is designed for use in automotive worm axles such as Kirkstall and Foden. It can also be used in the hoist derrick and slew gearboxes fitted to Coles cranes.

**Warning:** *LODEXOL PG Grades must never be mixed with other synthetic or mineral based lubricants.*

### Performance Level (ISO VG 68 – 460 only)

DIN 51517 T.3 (ISO 6743/2) Type CLP

Textron David Brown Classification Type G

### Physical Characteristics

ISO VG Grade	150	220	320	460
Relative Density @ 15°C	1.002	0.999	1.060	1.008
Kinematic Viscosity @ 40°C (cSt)	130.7	232.7	320.5	482.9
Kinematic Viscosity @ 100°C (cSt)	22.1	36.9	57.8	69.7
Viscosity Index	197	210	240	195
Closed Flash Point (°C)	185	198	236	240
Pour Point (°C)	-42	-36	-30	-26
F.Z.G Gear Test, Pass Load	>12	>12	>12	>12

Figures based on average production values.

(TDS Lodexol PG Industrial Gear Oils – 070316 Issue 3)

