



Product Information:

# LODEXOL INDUSTRIAL GEAR OILS

## Description:

A range of industrial gear oils, combining high quality mineral oils and extreme pressure (EP) additives, intended for use in industrial gear systems of the spur, helical and straight and spiral bevel types. Lodexol Industrial Gear Oils have high load carrying capability and ensure 'clean' gear performance under conditions of high temperature and oxidation. Additionally these grades provide strong protection against wear, oxidation, foam, rust and corrosion.

## APPLICATIONS

Lodexol Industrial Gear Oils are designed for use in a wide range of industrial, agricultural and plant applications, including: reduction gearboxes, direct drives, worm drives, angle drives, chain drives, gear couplings, hoist/winch gearboxes, screw feeder gearboxes, travel gearboxes, swing gearboxes, turret heads, work-heads, centralised circulation systems, etc.

**Note!** Lodexol industrial gear oils are used extensively in worm gears, under conditions of high pressure and temperature. Previously, there was a concern that certain EP additives would react with the bronze gear, however, new additive technology prevents any corrosive attack and protects steel gears better than compounded gear oils alone.

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

DIN 51517 Part 3 (1989) category CLP	Textron David Brown No. S1.53 101
ISO 12925-1: 1996 Category CKD	Cincinnati Machine P-74 (ISO VG 220 only)
AIST 224 / US Steel 224	Micropitting performance to FVA 54/7 (90°C)
ANSI/AGMA 9004-D95 / 9005-E02	Flender (Revision 9, 2005)
SEB 181226 (500 hrs max)	

## Physical Characteristics

ISO VG	68	100	150	220	320	460	680
Density @ 15°C	0.870	0.869	0.879	0.895	0.893	0.904	0.911
Viscosity cSt. @ 100°C	8.4	10.9	14.9	18.3	23.7	28.9	38.3
Viscosity cSt. @ 40°C	65	99	158	213	322	442	698
Viscosity Index	99	96	94	94	93	92	91
Flash Point (closed) °C	197	198	198	200	200	202	290
Pour Point °C	-30	-27	-25	-20	-15	-12	-10
Timken OK Load lbs	85	85	95	95	100	100	100
Four Ball Scar	0.32	0.32	0.32	0.30	0.30	0.30	0.29
Rust Test ISO 7120 procedure A	Pass	Pass	Pass	Pass	Pass	Pass	Pass
FZG Gear Pass Load	12	12	12	12	12	12	12

(TDS Lodexol Industrial Gear Oils – 010515 Issue 9)

