

Product Information:

LODEXOL FS INDUSTRIAL GEAR OILS

FULLY SYNTHETIC PAO TECHNOLOGY

Description

A range of gear oils, combining synthetic base fluids and powerful extreme pressure (EP) additives, for use in industrial gear systems. Lodexol FS Industrial Gear Oils are formulated to protect against wear, oxidation, foam, rust and corrosion.

The synthetic base fluids used in this range have outstanding thermal stability ensuring that gear systems running at elevated temperatures have the correct level of protection necessary for long component life. Additionally, Lodexol FS Industrial Gear Oils have excellent hydrolytic stability enabling them to perform effectively in the presence of water.

Applications

Lodexol FS Industrial Gear Oils are designed for use in a wide range of applications, including: reduction gearboxes, direct drives, angle drives, chain drives, gear couplings, hoist/winch gearboxes, screw feeder gearboxes, travel gearboxes, swing gearboxes, turret heads, workheads, centralised circulation systems, et cetera.

Performance Level

DIN 51517 Part 3

AIST 224 (formerly US Steel 224)

AGMA 9005-E02

David Brown Table Type E

Physical Characteristics

ISO VG Grade	150	220	320	460
Appearance	Straw Liquid	Amber liquid	Amber liquid	Amber liquid
Relative Density at 15.6 °C	0.855	0.858	0.860	0.863
Kinematic Viscosity @ 40 °C (cSt)	142.6	215.7	314.8	441.0
Kinematic Viscosity @ 100 °C (cSt)	19.6	26.0	33.0	44.5
Viscosity Index	160	160	160	160
Closed Flash Point (°C)	190	190	195	195
Pour Point (°C)	-48	-48	-40	-40
Rust Test (D-665)	Pass	Pass	Pass	Pass
Foaming Characteristics	Pass	Pass	Pass	Pass
FZG Gear Pass Load Stage	12	12	12	12

Figures based on average production values.

(TDS Lodexol FS Industrial Gear Oils – 070416 Issue 12)