

# Product Data Sheet

## Servosyngear

Synthetic Industrial Gear Oils



### Description

Servosyngear series are industrial gear lubricants formulated from synthesized hydrocarbon based fluids combined with suitable additive package.

### Performance, Features and Benefits

- Excellent resistance to oxidation and aging.
- Excellent viscosity temperature behaviour.
- Reduced wear due to high load carrying capacity.
- Extended component life.
- Increased oil life.
- Low maintenance costs.
- Wide temperature application.

### Application

These grades are recommended for the lubrication of spur, helical, bevel, worm and hypoid gears, which are extensively used in all manufacturing industries including steel, automotive, mining, construction, etc.

### Approvals / Performance Standards / Recommendations

- Synthetic industrial gear lubricants meeting US Steel 224 specifications.
- Approved by FLSmidth GmbH

### Typical Physical Characteristics

ISO VG Grades	32	46	68	100	150	220	320	460	680
K. Vis. @ 40°C, cSt	29-35	42-50	62-74	90-110	140-160	200-240	300-340	420-500	620-730
K. Vis. @ 100°C, cSt	5.8	7.9	10.0	13.2	19.5	26.3	33.3	46.0	67.6
Viscosity Index,	140	140	140	140	140	140	145	145	145
Flash Point, COC, °C,	210	210	220	220	220	220	220	220	220
Pour Point, °C,	(-)30	(-)30	(-)30	(-)30	(-)30	(-)27	(-)24	(-)24	(-)24
TAN mg KOH/gm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
FZG Load Stage, Pass	12	12	12	12	12	12	12	12	12
Timken OK Load, lb,	80	80	80	80	80	80	80	80	80
4 Ball, Weld Load, Kg	280	280	280	280	280	280	280	280	280

### Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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