



## Product Information

### Synthetic Gear Range

#### Description

This Synthetic range of lubricants is a series of synthetic gear oils that are formulated to provide optimum wear protection in industrial gear sets, off-highway construction and mining applications where consistent performance is critical. This Range of lubricants offer a unique approach to gear and system component lubrication through a focused formulation that provides the end user with maximum confidence. This range provide:

- Superior rust protection.
- Enhanced hydrolytic stability.
- Exceptional oxidation and thermal stability.
- Excellent anti-wear performance.

#### Application

This Range of lubricants is used where DIN 51517 Part 3/AIST 224 standards are required

#### Specification

##### Performance level:

ANSI/AGMA Standard 9005-E02  
DIN 51517 Part 3  
AIST 224

#### Typical Characteristics

DIN 51517 Part 3							
Property	Unit	68	150	220	320	460	680
Viscosity 40 °C	mm <sup>2</sup> /s	67.8	149.2	220.8	319.4	458.2	704
Viscosity 100 °C	mm <sup>2</sup> /s	10.4	18.9	25.6	32.3	41.2	62.2
Viscosity Index		140	143	148	141	139	156
Timken OK Load Test	Kg/lb	34/75	34/75	34/75	34/75	34/75	34/75
FZG Gear Scuffing test	Failure Load stage	>12	>12	>12	>12	>12	>12
Pour Point	°C	-45	-36	-36	-36	-23	-27
Flash Point	°C	227	228	228	229	229	229
API Gravity		35.4	33.4	33	32.4	31	35
Specific gravity @16 °C		0.848	0.858	0.86	0.863	0.871	0.85

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