

# Gengear XEP Series

Top Quality Heavy Duty Gear Oils

## Description

Gengear XEP Series is a top quality range of heavy duty gear oils designed to lubricate modern industrial gearboxes. They are fully approved by Flender (Revision 13, 2012) and meet all the major industrial gear oil specifications. Gengear XEP grades incorporate the latest technology additive system, providing clean gear performance and excellent protection against micropitting wear, which are key requirements of gear oils today. They offer strong rust and corrosion protection, enhanced oxidation stability and resistance to foaming, whilst significantly prolonging bearing life. Inherent friction modifying characteristics add to the attributes of the range, resulting in reduced power consumption and lower bulk oil temperatures. Compatibility with seal elastomers is critical to prevent leakage and exclusion of contaminants – Gengear XEP grades excel in this respect.

## Application

Gengear XEP oils are recommended for all industrial helical and spur enclosed gear sets with circulation or splash lubrication systems. They can be used in moderately loaded worm type gear sets.

## Performance Level

Gengear XEP meets or exceeds the requirements of:

Gengear XEP	68	100	150	220	320	460	680
AGMA 9005-E02	2EP	3EP	4EP	5EP	6EP	7EP	8EP
DIN 51517 -3: 2009-06	X	X	X	X	X	X	X
ISO 12925-1 Type	CKD68	CKD100	CKD150	CKD220	CKD320	CKD460	CKD680
Siemens T 7300, Table A-1, Revision 13, Flender Code No.:		A17	A16	A15	A14	A13	A12

## Benefits

- Outstanding protection against micropitting
- Superb seal compatibility
- Excellent anti-foam characteristics

## Typical Physical Characteristics

Gengear XEP	68	100	150	220	320	460	680
Viscosity, cSt @ 40 °C	65	100	140	210	305	440	650
Viscosity, cSt @ 100 °C	8,6	11,3	14,5	18,3	23,3	30,0	36,0
Viscosity Index	95	95	95	95	95	95	80
Flash Point, °C min.	>200	>200	>200	>200	>200	>200	>200
Pour Point, °C max.	-24	-24	-24	-18	-15	-6	-6
FZG Stages Passed	>12	>12	>12	>12	>12	>12	>12
ISO VG	68	100	150	220	320	460	680

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.