

## SYNTHETIC PAG GEAR OIL

**XL-7312** is a 100% Polyalkalene-glycol-based gear oil that offers a higher performance at a full temperature range as well as under severe environmental conditions.

**XL-7312** offers:

- Energy conservation due to the reduction of friction.
- Reduced gasket wear.
- Reduced oil consumption.
- Longer periods between maintenance.
- Stable viscosity at high temperatures.

**XL-7312/689** is a special biodegradable version of the fluid, approved for use in food-grade applications.

TYPICAL SPECIFICATIONS									
Product Code: XL-7312	/032	/046	/068	/150	/159	/220	/460	/680	/689
ISO Grade	32	46	68	150	1500	220	460	680	680
Viscosity (cSt @ 40°C) (ASTM D-445)	35	47	59	143	1150	237	475	615	533
(cSt @ 100°C) (ASTM D-445)	6.7	8.8	10.8	21.9	185	38.2	77	85.9	83.0
Viscosity Index	160	170	174	180	287	212	248	235	235
Flash Point (Closed Cup) (°C) (ASTM D-93)	188	200	218	221	>260	221	238	282	260
Flash Point (Open Cup) (°C) (ASTM D-92)	249	254	277	290	290	290	290	290	290
Pour Point (°C) (ASTM D-97)	-43	-40	-40	-29	-26	-26	-20	-27	-36
Water (%)	< 0.25%								
Specific Gravity (g/ml)	0.989	0.992	0.995	1.002	1.058	1.004	1.004	1.010	1.010
Foam @ 24°C	0	0	0	0	0	0	0	0	0
@ 93°C	0	0	0	0	0	0	0	0	0
Colour	Yellow-brown								



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The information presented in this bulletin is, to the best of our knowledge, accurate. It is intended to be helpful, and is not to be considered a guarantee.

