

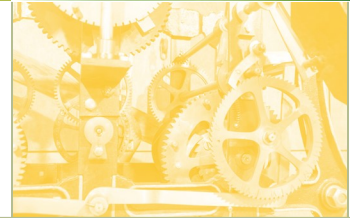
Syn-Gear XHD

Heavy Duty Industrial Gear Oils



REDUCE FOAM | SAVE ENERGY | REDUCE DEPOSITS

Syn-Gear XHD heavy duty industrial synthetic blend gear oils are specially formulated to yield exceptional load carrying capacities, EP properties, anti-foam performance, demulsibility, corrosion and spalling resistant, friction reduction, and thermal stability and durability.



PERFORMANCE PROPERTIES

- INCREASES GEAR BOX LIFE
(UP TO 3 TIME LONGER THAN WITH CONVENTIONAL OILS)
- SUBSTANTIAL REDUCES FOAMING
- REDUCES DEPOSITS, BEARING WEAR, AND OIL CONSUMPTION
- EXCELLENT CORROSION PROTECTION
- WATER RESISTANT
- ADHESIVE TO ALL METAL SURFACES
- DRASTICALLY REDUCES ENERGY CONSUMPTION

Syn-Gear XHD is offered in 275 gallon tote tanks, 55 gallon drums, and 5 gallon pails. Syn-Gear XHD is available in ISO Grades 150, 220 and 320.

MEETS OR EXCEEDS THE FOLLOWING:

- MIL-L-2105-D
- API GL-1
- API GL-4
- API GL-5
- API GL-6 (Proposed)
- US STEEL 224
- MT-1
- L-37
- L-60 T.O.S.T.
- AGMA 251.02
- AGMA 250.04



RELIANT TECHNOLOGIES

local | quality | service

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Reliant Technologies
 Across the South and Around the World...



Syn-Gear XHD

Syn-Gear XHD provides exceptional performance under adverse conditions. Syn-Gear XHD is especially useful in high stress gear boxes, such as those used in pump assemblies and in aquaculture, because of their low temperature pump ability, and resistance to water washout.



PHYSICAL PROPERTIES

Product	Syn-Gear 422	Syn-Gear 423	Syn-Gear 424
ISO Grade	150	220	320
AGNA EP Number	4EP	5EP	6EP
API Gravity @ 60°F	27.9	26.2	25.9
Specific Gravity @ 60°F	0.89	0.90	0.90
Viscosity (cSt) @ 100°C	14.50	18.90	24.90
Viscosity (cSt) @ 40°C	141	219	329
Viscosity (cSt) @ 100°F	738	1158	1798
Viscosity (cSt) @ 210°F	78	96	122
Flash Point °F	>475	>475	>475
Pour Point °F	-25	-15	-15
O ₂ Stability (100hr) 210°F	2	2	2
O ₂ Stability (500hr) 40°F	8	8	8
FZG, Passed Stage	12	12	12
Rust Test	PASS	PASS	PASS
Copper Test	PASS	PASS	PASS
Retention	EXCELLENT	EXCELLENT	EXCELLENT
Foam Test, Sequence II ml foam @ 0/10 min	0/0	0/0	0/0
Wheeling Steel Demulsibility Test	PASS	PASS	PASS
Timken, OK load, lbs	60	60	60
Four-Ball EP Load Wear Index, kgf	50	50	50
Four-Ball EP Weld Point, kgf	250	250	250
Color	AMBER	AMBER	AMBER

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