

WITH PARAGON, EXTREME PRESSURE DELIVERS EXTREME PERFORMANCE.

The Paragon family of gear oils offer maximum protection against excessive wear, even in the most severe conditions.



Paragon™ (HEAVY-DUTY ENCLOSED GEAR OIL)

Whitmore's work horse. This robust enclosed gear oil has been protecting gearboxes for over three decades. Paragon is formulated to keep your machinery operating smoothly, especially in high load, shock load and reversing motion scenarios. Favored by mining operators, who appreciate the extended maintenance cycles, this heavy-duty enclosed gear oil works in any severe industrial application.

Use Paragon in heavily loaded gearboxes, including those with planetary drive systems and PIV chain drives.

ASTM#	PARAGON TYPICAL CHARACTERISTICS										
	ISO Grade	68	100	150	220	320	460	500	680	1000	1500
	AGMA Grade	2EP	3 EP	4 EP	5 EP	6 EP	7 EP	7 EP	8 EP	8A EP	9 EP
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	70 9.0	106 12.0	148 14.9	235 22.0	345 2	475 731.0	514 32.0	736 37.0	1,040 52.0	1,630 65.0
D-97	Pour Point, °F °C	-20 -29	-20 -29	-10 -23	0 -18	5 -15	5 -15	10 -12	15 -9	20 -7	25 -4
D-2782	Timken OK Load, Ib	60	65	65	65	65	70	70	70	70	70



The more difficult the application, the better Paragon Gold works. Its unique, low-sludge additive combination ensures smooth gear and bearing contact surfaces, even under the most punishing conditions of extreme load, reversing action and shock load.

In addition to counteracting excessive wear, the eutectic smoothing effect of Paragon Gold will partially flatten pre-existing wear damage, usually within a few hundred hours of operation. This can considerably lengthen the operating window for badly worn equipment, especially where gears are pitted, scuffed or under unusually high load.

Paragon Gold is ideal for use where long component life is essential, or where long intervals between oil changes are unavoidable. Applications where conventional oils fail, Paragon Gold excels.

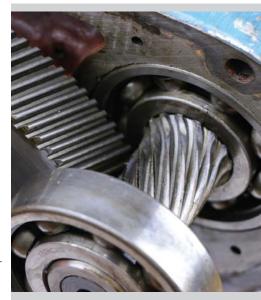
ASTM#	PARAGON GOLD TYPICAL CHARACTERISTICS								
	ISO Grade	150	220	320	460	680	1000	1500	
	AGMA Grade	4EP	5 EP	6 EP	7 EP	8 EP	8A EP	9 EP	
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	146 15.20	215 19.82	320 28.00	456 36.1	671 50.00	1,000 61.50	1,539 83.10	
D-97	Pour Point, °F °C	-10 -23	-10 -23	8 -13	12 -11	15 -9	10 -12	10 -12	
D-2782	Timken OK Load, lb	65	65	70	70	70	70	70	

Paragon™ Syn Blend (SYNTHETIC BLEND GEAR OIL)

Synthetic components allow Paragon Syn Blend to be used over a wide temperature range, from -40°F (-40°C) to 275°F (135°C). Paragon Syn Blend is non-corrosive and provides excellent extreme pressure and antiwear properties resulting in lower wear. This gear oil is extremely shear-stable, which is necessary to maintain long oil life and extend change-out intervals. Paragon Syn Blend oils reduce gearbox operating temperatures and help dislodge the sludge that often remains from the previous use of inferior products.

Paragon Syn Blend is ideal for heavily loaded gearboxes used in mining and general industry.

ASTM#	PARAGON GOLD TYPICAL CHARACTERISTICS									
	ISO Grade	150	220	320	460	680	1000			
	AGMA Grade	4EP	5 EP	6 EP	7 EP	8 EP	8A			
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	156 17.5	255 23.7	320 27.5	468 33.8	660 49.0	1,010 67.25			
D-97	Pour Point, °F (°C)	-15 (-26)	-10 (-23)	-6 (-21)	-6 (-21)	-6 (-21)	0 (-18)			
D-2782	Timken OK Load, Ib	65	65	65	65	65	65			



- Excellent wear protection
- · Extends gear life
- Anti-foaming composition
- · Clings to gear surfaces film
- Smooths contact surfaces
- · Forms rust protective
- Four ball wear .40mm
- FZG test >12
 (For ISO viscosity gradesof 220 and higer)
- Meets the requirements DIN 51517-3

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