



SPECIAL HIGH PERFORMANCE GEARBOX OILS

ADDINOL ECO GEAR 100S, 150S, 220S 320S, 460S & 680S

APPLICATION

ADDINOL Eco Gear S oils can be used for nearly all types of enclosed industrial gears.

Preferably used in gearboxes with low to high loads, dynamically changing drives and thermally critical conditions in a vast temperature range (eg. wind energy plants).

Additional uses:

- o For all types of sliding and rolling bearings
- o Gear couplings, slide ways, joints and circulating systems.

The recommend use of ADDINOL Eco Gear S in Flender gears is granted.

The viscosity is mainly determined by the particular application, operating conditions and manufacturers recommendation.

ADDINOL Eco Gear S oils are compatible with standard sealing materials. They are solid free and can be used in conjunction with filters or centrifuges.

DELIVERY

20L and 205L Drums

TYPICAL PARAMETERS

Product ADDINOL (ISO-VG)	Viscosity (mm ² /s)		Density (kg/m ³)	Flash point (°C)	Pour Point (°C)	Grey Flecking Test FVA No. 54	FZG Test A/16,6/120 Power Stage
	at +40°C	at + 100°C					
Eco Gear 100S	102	14	864	225	-48	>10	>12
Eco Gear 150S	148	19	866	230	-45	>10	>12
Eco Gear 220S	215	24	875	235	-45	>10	>12
Eco Gear 320S	315	33	880	240	-42	>10	>12
Eco Gear 460S	450	43	885	240	-39	>10	>12
Eco Gear 680S	670	54	890	240	35	>10	>12

PRODUCT DESCRIPTION

ADDINOL Eco Gear S high performance gearbox oils are produced on the basis of synthetic components (PAO) and a specially created additive system - Surftec.

ADDINOL Eco Gear S oils Feature:

- Wide temperature range from - 30°C up to +120°C.
- Prevention of grey staining (micro pitting) and pittings.
- Outstanding wear resistance.
- Reliable corrosion protection for steel and non ferrous metals.
- Increased lubricant life at elevated temperatures compared to mineral based oils resulting in reduction of waste oil disposal and labour cost.
- Decrease in friction contributing to reduction in noise and oil sump temperatures, increase component performance and energy savings.
- Re smoothening of extremely strained surfaces.

Addinol Eco Gear S Oils meet DIN 51517-3 and ISO12925-1 standards.



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