

### ECOGEAR BIO 220

#### Vegetable based gear oil (ISO VG 220)

##### Description

ECOGEAR BIO 220 is vegetable based gear oil with high lubricating performance. ECOGEAR BIO 220 exhibit an excellent lubricity in boundary lubrication conditions. The polar nature of this oil give a greater affinity for metal surfaces. Therefore these oils show lower friction coefficient than commonly used mineral gear oils.

##### Characteristic features:

- Excellent lubricity properties;
- Perfectly protected against rust and corrosion;
- Great friction and wear test results;
- Improved low temperatures properties;
- Lower tendency to form residues;
- Superb viscosity index;
- Readily biodegradable;
- Non-toxic;
- From sustainable and renewable sources;

##### TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	ISO VG 220
Density at 15 °C	kg/m <sup>3</sup>	ISO 12185	950-960
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	220
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	30
Viscosity Index (VI)			>170
Pour point	°C	ASTM D97	<-25
Flash point, COC	°C	ASTM D92	>240
Biodegradability (within 21 days)	%	CEC-L-33-A-93	>90

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