



Axle GL-5 85W-140

API GL-5 Multigrade

Description

Castrol Axle GL-5 85W-140 is a Multigrade gear oil fortified to meet the requirements of API GL-5.

It's primary use is for hypoid gears featured in automotive differentials but is often specified in highly loaded spiral bevel or planetary gearboxes on offshore installations and onshore drilling sites.

Advantages

- Good thermal/ oxidation stability eliminating deposit formation that thickens the oil.
- Superior low temperature fluidity providing smoother operation in cold start conditions.

Typical Characteristics

Name	Method	Units	Axle GL-5 85W-140
Density @ 15°C, Relative	ASTM D1298	g/ml	0.905
Appearance	Visual		Clear & Bright
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	26
Pour Point	ASTM D97	°C	-18
Viscosity, Brookfield @ -12°C	ASTM D2983	mPa.s (cP)	< 150.000
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	360
Viscosity Index	ASTM D2270		95
Flash Point, COC	ASTM D92	°C	>200

The above figures are typical and do not constitute a specification.

Product Performance Claims

API GL-5

Additional Information

Because of the high level of fortification required to meet the requirements of API GL-5 this product is not recommended for worm gearboxes.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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