

Ciifrol GEAR OIL GL-4 SAE 90 / 85W140/ 140 / 75W 90 / 80W 90

High Performance Automotive Gear Oils

Ciifrol Gear oils GL4 SAE 90 / 140 / 75W 90 / 80W 90 oils are multipurpose, extreme pressure, API GL-4 automotive gear lubricants specifically designed for use in automotive gears and transmission. The carefully balanced formulation is designed to minimize oxidative sludge and varnish formation, reduce wear, prevent scoring damage and protect against metal fatigue and spalling damage under shock-load conditions.

SPECIFICATIONS & PERFORMANCE STANDARDS	
SPECIFICATIONS	MEETS STANDARDS
API GL-4	√
Mil-L-2105	√
IS 1118: 1992	√

Key Performance Features and Benefits :

- Excellent oxidation resistance and thermal stability to minimize sludge and varnish formation
- Satisfies the lubrication requirements of a wide variety of gears.
- Provides protection against wear, due to good EP characteristics.
- Gives long service life even under high temperature operation.
- Provides good protection against corrosion.
- Excellent thermal durability and extreme-pressure properties for extended gear life
- High load-carrying capacity for protection against scuffing and wear
- Good foam resistance

Applications:



- **Hypoid Gears / Differentials fitted on Automotive Vehicles.**

Recommended for passenger cars, buses and highway trucks hypoid, spiral bevel and worm gear axles and also manual transmission for which an extreme pressure gear lubricant of this type is required. Ciifrol Gear Oil GL 4 SAE 80W90 is specially designed for power transmission units of vehicles operating at low temperatures.

		TYPICAL VALUES				
<u>Physical Characteristics (Control Limits)</u>		GEAR OIL GL4 SAE 90	GEAR OIL GL4 SAE80W 90	GEAR OIL GL4 SAE 75W 90	GEAR OIL GL5 SAE85W 140	GEAR OIL GL4 SAE 140
S.NO.	CHARACTERISTICS	Control Limit	Control Limit	Control Limit	Control Limit	Control Limit
1	Appearance	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
2	Sp. Density at 29.5°C	To Report	To Report	To Report	To Report	To Report
3	Colour	Natural	Natural	Natural	Natural	Natural
4	K. Viscosity @ 40°C	To report	To report	To report	To report	To report
5	K. Viscosity @ 100°C	14 - 16	14 - 16	12.5-14.5	28-32	28-32
6	Viscosity Index	90 Min	90 Min	90 Min	90 Min	90 Min
7	Flash Point COC	200 min	200 min	200 min	200 min	200 min
8	Pour Point	-6 max	-6 max	-9 max	-6 max	-6 max

Disclaimer:

The above given values are typical results; however the guaranteed specifications values are different and often lower than the typical values. For the guaranteed specifications, please discuss with Ciif Lubricants representative or visit our website www.ciifrol.com.



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