



TM

JUPITER PETROTEC PRODUCTS

(Mfgs.of: Automotive, Industrial and Speciality Products & Lube Additives)

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JUPITOL

Auto-Gear EP 90 / EP 140

Product Category	Automotive
Serial No	008
Date	01/04/2003

Product Description:

Jupitol Auto-Gear Oil EP 90 and EP 140 are high quality gear oils for automotive lube applications where extreme pressure lubricants are recommended by the manufacturers.

Applications:

- Lubrication of hypoid final-drive units of high-speed / low-torque or low-speed / high-torque conditions.
- Lubrication of manual transmissions of vehicles where EP gear oil is recommended.
- Lubrication of steering gear boxes.

Features:

- Highly refined HVI base stocks with carefully formulated additives to provide exceptional protection to gear teeth surfaces under conditions involving high rolling and sliding velocities.
- Extremely high thermal and storage stability with effective anti-corrosion and anti-foam properties.

Specification Level:

- Exceeds API – GL4 Classification & BIS 1118 – 1992
- Meets MIL – L – 2105 US Military Specification.

Typical Characteristics:

S.No.	Test	UOM	Test Method	Specification of Gear Oil	
				EP 90	EP140
1	Appearance & Clarity	NA	Visual	Bright and Clear Liquid	
2	Colour	NA	Visual	Non dyed lubricant	
3	Density @ 29.5°C	gms/cc	ASTM D 1298	0.890 - 0.892	0.888 - 0.898
4	Kin. Viscosity @ 100°C	cSt.	ASTM D 445 / IP 71	18.00 - 21.00	26.50 - 33.00
5	Kin. Viscosity @ 40°C	cSt.	ASTM D 445 / IP 71	To record	To record
6	Viscosity Index	-	ASTM D 2270/ IP 226	+90 (Min.)	+90 (Min.)
7	Flash Point (COC)	°C	ASTM D 92	200 (Min.)	220 (Min.)

NA implies "NOT APPLICABLE".



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The values mentioned above are subject to change due to our continued R & D.