

HIDROIL 814 EP



85W140 EP GEAR AND TRANSMISSION OIL

DESCRIPTION

HIDROIL 814 EP is an extra high-performance commercial gear lubricant formulated from select base oils and an advanced additive system. It can be used for on-highway light and heavy duty trucks, buses, vans and cars.

PERFORMANCE FEATURES

- Complete lubrication, smooth, quiet performance and wear protection.
- High viscosity Index provides highly stability when exposed to severe heat, oxidation and shearing.
- Good protection against low speed/high torque wear and against high speed scoring.
- Good resistance to foaming.
- Compatible with typical automotive seals and gaskets.

APPLICATION

HIDROIL 814 EP is specifically engineered high performance lubricant for heavy duty transmissions, axles and final drives requiring GL-5 level performance.

Suitable for on-highway light and heavy duty trucks, busses, vans and cars.

Off-highway industries including construction, mining, quarrying and agriculture.

Industrial applications involving hypoid and other gears operating under severe conditions: high speed, shocks, very high or low torque.

SPECIFICATIONS & APPROVALS

API:	GL-5
MIL:	L-2105-D
MACK:	GO-G

TYPICAL PROPERTIES

- Aspect
- Density 15 °C (gr / cm³)
- Viscosity 40 °C (cSt)
- Viscosity 100 °C (cSt)
- Viscosity Index
- Freezing Point (°C)
- Flash Point (°C)
- Corrosion on Steel
- Corrosion on Copper
- Timken 4-balls test
- Timken OK charge test (1b)

METHOD	MIN	STANDARD	MAX
Visual	Amber transparent fluid		
ASTM D - 4052	0.900		
ASTM D - 445	335		420
ASTM D - 445	26		29.8
ASTM D - 2270	95		
ASTM D - 97		- 10	
ASTM D - 92	215		
ASTM D - 65 A/B		PASS	
ASTM D - 130		1a	
10 s/1800 rpm	300		
ASTM D - 2782		70	

Note : The information herein is offered in good faith based on KRAFFT'S research and it is believed to be accurate. KRAFFT keeps the right to modify the specification without previous notice.

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