



TEXAS GEARTRA EPX OIL (API GL-5)

TEXAS GEARTRA EPX OIL GL 5 is an extreme-pressure (EP) automotive hypoid gear oil, designed to exceed the latest performance standards for heavy duty, severe services. Blended with highly refined based oils and proven multifunctional gear additives based on sulphur-phosphorus chemistry, they exhibit excellent chemical and thermal stability over a wide range of temperatures. Even when operating conditions approach 150°C TEXAS GEARTRA EPX OIL GL 5 consistently outperform conventional API GL-5 lubricants. This improved thermal and oxidation stability helps ensure that deposits do not form around seals and helps maintain clean bearing surfaces to minimize wear. The extreme-pressure additives in the oils also provide superior protection of gear teeth against spalling. Spalling occurs where flakes of metal breaks away from the surface of a gear tooth after repeated stress

TEXAS GEARTRA EPX OIL GL-5是超压 (EP) 车用双面齿轮油, 专门为高负载任务和严格服务所要达到的最新标准而设计。混合了高品质的基础油及基于硫-磷化学技术的多功能齿轮添加剂, 具有在很宽的温度范围内良好的化学和热稳定性。在接近150° C 时, TEXAS GEARTRA EPX OIL GL 5 的性能超出了传统的API GL-5润滑油。增强的热和氧化稳定性可以确保密封处不聚集沉淀, 保持清洁的表面减少磨损。其中所含的超压添加剂也为齿轮部件提供了超强保护, 防止破损。齿轮破损经常发生在经持续压力作用下齿轮齿上有铁屑脱落。

TEXAS GEARTRA EPX OIL GL 5 are designed for service in the drive-train gears of heavily loaded equipment and passenger vehicles. They can be used in the lubrication of hypoid, spur, bevel, helical, spiral-bevel and worm gears in differentials, transmissions, final drives, transfer cases and steering mechanisms.

TEXAS GEARTRA EPX OIL GL-5是为重型装载设备和旅行车上驱动齿轮上使用所设计的, 可用于双曲面齿轮、斜面、直面、螺旋面、曲面齿轮在传动、驱动、变速和转向装置的润滑。

TYPICAL CHARACTERISTICS 特性

Property 性质	Test Method 试验方法	TEXAS GEARTRA EPX OIL			
		EP 90	EP 140	EP 80W90	EP80W 140
Appearance 外观	Visual 目测	Clear 清亮	Clear 清亮	Clear 清亮	Clear 清亮
Density @15°C, kg/L 密度 @ 15°C, kg/L	ASTM D4052	0.898	0.901	0.889	0.896
Viscosity @40°C, cSt 运动粘度 @ 40°C, cSt	ASTM D445	171.1	447.6	146.5	425.3
Viscosity @100°C, cSt 运动粘度 @ 100°C, cSt	ASTM D445	16.1	30.1	15.2	29.7
Viscosity Index 粘度指数	ASTM D2270	97	96	105	98
Brookfield @-12°C, cP 动力粘度 @ -12°C, cP	ASTM D2983	-	-	-	91000
Brookfield @-26°C, cP 动力粘度 @ -26°C, cP	ASTM D2983	-	-	136000	-
Flash Point, °C 闪点, °C	ASTM D92	234	250	222	232
Pour Point, °C 倾点, °C	ASTM D97	-12	-9	-24	-15
Copper Corrosion 铜蚀	ASTM D130	1b	1b	1b	1b

Performance Standards 标准

- API GL-5
Texas Petrolchemical reserves the right to modify or change this product with the purpose of improving its performance characteristics.



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