

WearGuard™ D-A Pump Jack Oil 150 is a premium quality lubricant designed and tailored exclusively for use in “pump jack” gearboxes requiring an EP (Extreme Pressure) gear lubricant. It is formulated with demulsifier to separate free water from the oil, allowing water to be easily drained off/removed extending gear life. It is also designed to suspend dirt and contaminants for added gear train protection.

WearGuard™ D-A Pump Jack Oil 150 exhibited excellent low temperature fluidity/flowability and superior free water separation. Under closely monitored field evaluation, no resets on electric motors running the gear box due to cold ambient climate conditions were observed. Its combination of select additives and quality base oils equate to proven performance and suitability for its intended application.

WearGuard™ D-A Pump Jack Oil 150 supports the performance requirements of AGMA 9005-E02, U.S. Steel 224 and MAG IAS, LLC P-77.

Characteristics

- Low pour point for excellent cold weather performance
- High Viscosity Index allows for wide range of ambient temperatures
- Enhanced rust and corrosion protection
- Outstanding load carrying ability
- Prevents foaming

Typical Properties

WearGuard™ D-A Pump Jack Oil	ASTM Test	WearGuard™ D-A Pump Jack Oil ISO 150	WearGuard™ D-A Pump Jack Oil ISO 220
API Gravity	ASTM D4052	28.5	27.9
Viscosity @ 40°C,cSt	ASTM D445	150	220
Viscosity @ 100°C,cSt	ASTM D445	15.5	19.5
Viscosity Index	ASTM D2270	105	100
Flash Point, °C/°F	ASTM D92	232/450	238/460
Pour Point, °C/°F	ASTM D97	-33/-27	-25/-13
Rust Test, A & B	ASTM D665	Pass	Pass
Demulsibility (minutes)	ASTM D1401	40-40-0 (10)	40-40-0 (10)
4-ball Wear, 1200 RPM, 167 °F, 40 kg, 1 hour, mm	ASTM D4172 (Mod.)	0.45	0.45



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