



Allied SYNTAX 50W Transmission Oil

Fortified with a technologically advanced additive developed to provide outstanding wear protection available on the market while also offering protection for older model transmissions.

General Description

All Allied products are formulated to meet, or exceed, all relevant industry standards. The chart below highlights the key protection and performance features and benefits provided by ALLIED SYNTAX 50W Transmission Oil.

Overview

ALLIED SYNTAX 50W Transmission Oil is a customized product formulated with 100% high quality synthetic base stocks. It is designed to protect the oil against oxidation ensuring a stable viscosity. Detergents protect against bearing corrosion while dispersants and detergents ensure that critical parts stay clean and do not form harmful deposits. In addition, it is fortified with anti-wear and high temperature stability additives and antifoam to inhibit foaming of the oil. All of the above adds up to superior film strength and antiwear performance that translates into lower operating cost.

This product is recommended for heavy-duty manual transmissions and is compatible with seals, coatings, paints, plastic or metal parts and other materials commonly used in automotive and heavy duty fleet equipment and is miscible with mineral oil based lubricants.

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BENEFITS

- Superior thermal and oxidative stability to prevent deposit formation and fluid thickening
- High and low temperature properties which maintain proper oil flow and viscosity for outstanding wear protection, especially under severe operating conditions
- Exceptional anti-wear properties, especially under extreme pressures, to ensure long equipment life
- Outstanding protection against rust and corrosion
- Strong adherence to metal surfaces to prevent water wash-off and resulting wear
- Protection of highly loaded parts from scuffing and wear
- Dramatically reduces sludge and varnish buildup
- Maintains easy shifting of gears in transmission
- Reduces friction and protects synchronizers

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact your Allied Sales Representative.

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Typical Properties:

PROPERTY	METHOD	FS Trans 50
Gravity, °API	ASTM D287	30.12
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8755
Viscosity @ 40°C cSt	ASTM D445	122.2
Viscosity @ 100°C cSt	ASTM D445	18.01
Viscosity Index	ASTM D2270	164
Brookfield Viscosity at -40°C, cP	ASTM D2983	124,000
Color	ASTM D1500	1.5

CLAIMS INFORMATION	FS Trans 50
	API GL-5
	MT-1
	Navistar/International TMS 6816
	Mack TO-A Plus
	Volvo I-Shift
	ZF Freedomline
	Meritor O-81

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