

MANNOL Multifarm STOU 10W-40

2502

A truly universal all-weather semi-synthetic motor-transmission (HC-synthes) engine oil for modern diesel engines of agricultural machinery with and without turbocharger operating in difficult conditions, as well as for mechanical transmissions, wet-type braking systems and even tractor hydraulic systems. Designed specifically to solve the specific problems of agricultural machinery, to protect the equipment and get the most out of it, regardless of the conditions of its operation. Belongs to the class STOU (abbr. From Super Tractor Oil Universal).

A feature of the use of agricultural machinery is the high dependence of the operating mode on weather conditions, the possibility of round-the-clock operation, remoteness from service centers, a large assortment of additional attachments and, as a rule, low technical training of personnel. The use of MANNOL Multifarm STOU 10W-40 eliminates equipment breakdowns associated with confusion in the use of oil, when, due to the storage in the open air, the marking on containers under the influence of weather factors becomes unreadable. The use of oil makes accounting and storage easier. In the field, it is enough to take one canister and in any situation, solve the issue of adding oil to any unit.

Product properties:
- Innovative additives in combination with a semi-synthetic base of the highest quality with a high viscosity index provide excellent anti-friction, anti-wear and extreme pressure properties, which significantly prolongs the life of the equipment in all, even the most extreme, operating modes in a wide range of ambient temperatures and provides fuel economy;
- Synthetic components in combination with natural antioxidants give the oil increased thermal oxidative stability, which, combined with excellent detergent-dispersant properties (TBN> 10), effectively reduces carbon and varnish formation, prevents the formation of deposits of all kinds and maintains engine parts and transmission in excellent cleanliness throughout the interval between replacements;
- A unique HC-containing formulation provides oil resistance to oxidation and aging, and due to reduced volatility and high flash point, reduces oil consumption "for waste";
- Due to the HC-containing base, the optimal viscosity has excellent low-temperature properties, including a low pour point, which provides excellent oil pumpability and cranking of engine and transmission components at low temperatures, easy “cold start” (up to -30 °) and lower starting wear and tear;
- Effectively protects engine parts and transmissions from all types of corrosion, and seals against corrosion by acids;
- Has reduced foaming;
- A special additive package is developed taking into account the difficult Russian operating conditions and low fuel quality.

Designed for all types of highly loaded diesel engines of agricultural machinery, where the level of operational properties of CG-4 or lower is required, and for highly loaded mechanical transmissions of this equipment where a level of operational properties of GL-4 is required.

Applicable for hydraulic systems, hydrostatic and mechanical transmissions, wet brakes and multi-plate clutches, power take-off shaft and power steering for all types of tractor equipment.
It can be used in gasoline engines where API SF or lower performance is required.

Specifications
SAE 10W-40
API CG-4/CF-4/CF/CE/CD/SF
API GL-4
Recommendation
ACEA E3
ALLISON C4
DIN 51524-3 HVLP
CASE I H MS 1204
CASE I H MS 1206
CASE I H MS 1207
CASE I H MS 1209
CASE NEW HOLLAND MAT 3525
CASE NEW HOLLAND MAT 3526
CATERPILLAR TO-2
FORD ESN-M2C86-B
FORD ESN-M2C86-C
FORD ESN-M2C134-D
FORD WSS-M2C159-B
FORD WSS-M2C159-C
FENDT KDM 41.2011
FORD NEW HOLLAND 82009201
FORD NEW HOLLAND 82009202
FORD NEW HOLLAND 82009203
JOHN DEERE J27
JOHN DEERE J20C
JOHN DEERE J20D
MASSEY FERGUSON M 1135
MASSEY FERGUSON M 1139
MASSEY FERGUSON M 1143
MASSEY FERGUSON M 1144
MASSEY FERGUSON M 1145
MB 227.1
MB 228.1
VOLVO WB 101
EATON M-2950-S/I-286-S
SPERRY VICKERS M-2950-S/I-286-S
ZF 06A
ZF 06B (INC. 06R)
ZF 06C
ZF 07B
Others VOLVO WB 101, suitable for wet brakes
SAUER SUNDSTRAND DANFOSS Hydro Static Trans Fluid

PACKAGING

20L	MN2502-20	Plastic	
1000L	MN2502-IBC	Pallet tank	
208L	MN2502-DR	Drum	
60L	MN2502-60	Drum	
10L	MN2502-10	Plastic	
	MN2502-5		