



## KRATOS AGROTRAC

**Multigrade and multipurpose lubricant type S.T.O.U.**

### Description

Lubricating oil type S.T.O.U. Developed for use in engines, transmissions, wet brakes and hydraulic systems on diesel or gas powered agricultural tractors with or without turbo.

### Applications

- Engines.
- Transmissions.
- Hydraulic systems.
- Oil-dipped wet brake systems.
- Agricultural and industrial machinery.

### Properties

- Excellent anti-friction characteristics.
- High thermal and chemical stability.
- High anti-wear protection.
- High protection of all components.
- High viscosity index. Man-has the viscosity at high temperatures providing greater protection against wear.
- Reduces noise from submerged brakes.
- Good flowability at low temperatures.
- Compatible with copper alloys used in synchronisms and piston pumps.
- Excellent detergent and dispersing properties. Prevents deposits and keeps the engine clean.
- Low volatility, low consumption.
- Compatible with joints and materials commonly used in clutches and wet brakes.

## Technical Information

	Method	10W30	15W30	15W40	20W40
Density at 15°C, g/mL	ASTM D-1298	0.870	0.887	0.880	0.892
Viscosity at 40°C, cSt	ASTM D-445	77	74.3	94.0	122.4
Viscosity at 100°C, cSt	ASTM D-445	10.7	10.4	14.5	15.3
Viscosity at -20°C, cP	-	<7000	<7000	<7000	<7000
Viscosity index	ASTM D-2270	140	140	140	140
Flash point, °C	ASTM D-92	>210	>210	>210	225
Pour point, °C	ASTM D-97	-33	>-30	-30	-25
Copper corrosion, (3h,150°C)	ASTM D-130	1a	1a	1a	1 <sup>a</sup>
TBN, mg KOH/g	ASTM D-2896	>9	>9	>9	>9

## Specifications

Diesel engines with atmospheric suction or turbocompressed	API CF/CE/CD // MIL-L-2104-D // MB 227.1
Gears, rear axles and manual transmissions	API GL4 // MIL-L-2015 // ZF RE ML 06B/07B // ALLISON C4 // CAT TO2
Hydraulic systems, turbochargers	ISO 68/100 // NFE 48603 HV // DIN 51524 Part 3 (HVLP) // ISO 11158 // ISO 6743/4 HV
Hydraulic / submerged brakes / wet clutch systems	STOU // JOHN DEERE J27A // MASSEY FERGUSON M1144/M1143 // FORD ESN-M2C-159B / M2C-159C

## Packaging available



## Health, Security and Environmental Procedures

Data sheet for this product, conforming to current European regulations, is available.

Supplies information related to safety precautions, handling procedures, primary treatment and environmental data. We suggest reading before using the product.

Remember to dispose used oil according to current local regulation. Do not throw away in water drains or other waterways (Rivers, lakes, etc.).