



HD 10W, 30, 50 TO-4

REV.2 OF 03/2023

LEVELS OF QUALITY

The lubricant HD 10W, 30, 50 TO-4 complies with the following international specifications:

- CAT TO-4
- ALLISON C4
- KOMATSU MICRO CLUTCH

PRODUCT DESCRIPTION

Lubricants specifically developed to guarantee the maximum performance for 'Powershift' transmissions, hydraulic and axle systems and gear reducers for agricultural machineries and earthmoving equipment.

It provides high anti-wear properties, anti-stick and anti-slip properties which allow the best effectiveness of the braking system. Furthermore, its formulation guarantees a reduction in power consumption and improves the efficiency of the hydraulic circuit.

APPLICATIONS

The series HD TO-4 is composed of multifunctional products to be used on gear changes, brake transmissions and oil bath, lateral reducers, wheel reducers, differential gears, hydraulic lifts, driving pulley, mechanical and hydrostatic guide of all systems, whenever CATERPILLAR TO-4, ALLISON C4 and KOMATSU MICRO CLUTCH products are required.

TYPICAL FEATURES*

SAE Scale	10W	30	50
Density at 15°C.Kg./dm ³ ASTM D1298	0.860	0.870	0.890
Viscosity at 100°C.cSt ASTM D445	5.5	11.0	17,0
Viscosity Index ASTM D2270	135	135	120
Flammability V.A.°C ASTM D92	205	210	220
Pour Point °C ASTM D97	-27	-21	-15

*The above mentioned values are indicative of production average values and are not an integral part of the specification.