



ATLANTA HEAVY TO-4 30

Description

Lubricating oil specially formulated to meet the requirements of the CATERPILLAR, ALLISON and KOMATSU specifications, applicable to servo transmissions, clutches and brakes, as well as final drives, crowns and differentials (according to SAE grade). Also in some special hydraulic application such as the SAE 10W grade.

Qualities

- Prevents transmission slippage.
- Great capacity to support loads and anti-wear properties.
- Increases the service life of the clutch discs and softens the operation of the brakes.
- It allows a greater drag force and starting of the machines.
- Compatibility with joints.
- Excellent anticorrosive properties.
- Not applicable as motor oil.

Quality levels

- API GL-4 (SAE 30 and 50)
- API CF (SAE 30 and 50)
- ZF TE-ML 03C, Approval ZF003469 (SAE 10W)
- ZF TE-ML 03C, 07F, Approval ZF003472 (SAE 30)
- CATERPILLAR TO-4
- ALLISON C-4 (SAE 10W and 30)
- KOMATSU KES 07.868.1



Technical Characteristics

	Unit	Method	Value	Value	Value
Degree SAE			10W	30	50
Density at 15°	g / mL	ASTM D 445	0.87	0.89	0.90
Viscosity at 100 ° C	cSt	ASTM D 445	6.5	11.3	18
Viscosity at -25 ° C	cSt	ASTM D 5293			37,111,208
viscosity-25° C	cP	ASTM D2270	7000 max	-	-
viscosity index	-	ASTM D	92115	100	97
Flash point (VA)	°C	ASTM D 97	200 min	220 min	22min
Freezing point	°C	ASTM D 2896	-42	-33	-18
TBN	mg KOH / g		10	10	10