



MATIC C4

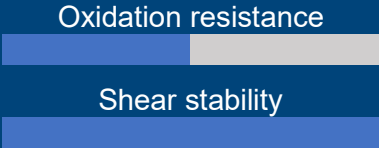
HYDRAULIC AND TRANSMISSION FLUID FOR CATERPILLAR



OFF-ROAD RANGE
HYDRAULIC
TRANSMISSION

Mineral	Semi-synthetic	100% Synthetic
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STANDARDS AND SPECIFICATIONS
API GL-4
CATERPILLAR TO-4M / TO-4 / TO-2
KOMATSU KES 07.868.1
ZF-TE-ML 03C / 07D / 07F



APPLICATIONS

MATIC C4 is a fluid specially formulated to meet the requirements of CATERPILLAR equipments. It is also suitable for KOMATSU lubrication.

MATIC C4 10W is used in hydraulic systems and hydrostatic transmissions

MATIC C4 SAE 30 is particularly recommended in the friction mechanisms, such as :

- POWERSHIFT transmissions
- clutches
- brakes

MATIC C4 SAE 50 is used in the transmission devices, such as :

- reduction drive-gear
- bevel torque
- differential Converter

BENEFITS

- Excellent friction properties
- Very good stability to oxidation
- Good compatibility with elastomeres
- Good protection against components wear

PERFORMANCES

PERFORMANCE LEVELS

ALLISON C4
ALLISON TES-439
API GL-4
CATERPILLAR TO-4M / TO-4 / TO-2
DANA OHTM TO-4
KOMATSU KES 07.868.1 (MICRO CLUTCH)
ZF-TE-ML 03C / 07D / 07F

OPAL
UNIL
UNIL
OPAL
UNIL



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
			10W	SAE 30	SAE 50
SAE grade	-	-	10W	SAE 30	SAE 50
Specific gravity at 15°C	kg/m ³	NF T 60-101	881	899	900
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	33	97	204
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	5,5	11,1	18
Viscosity index	-	NF T 60-136	102	100	97
Pour point	°C	NF T 60-105	-30	-21	-15
Flash point	°C	NF T 60-118	212	224	240
Sulfated ashes content	% mass	NF T 60-143	1,6	1,6	1,6

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used oils.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your disposal.