

CO₂e reduction with PANOLIN GREENMACHINE

Company:

M.M.T. S.r.l. (3)

Registration date: 22.10.2021

Alteration date: 22.10.2021

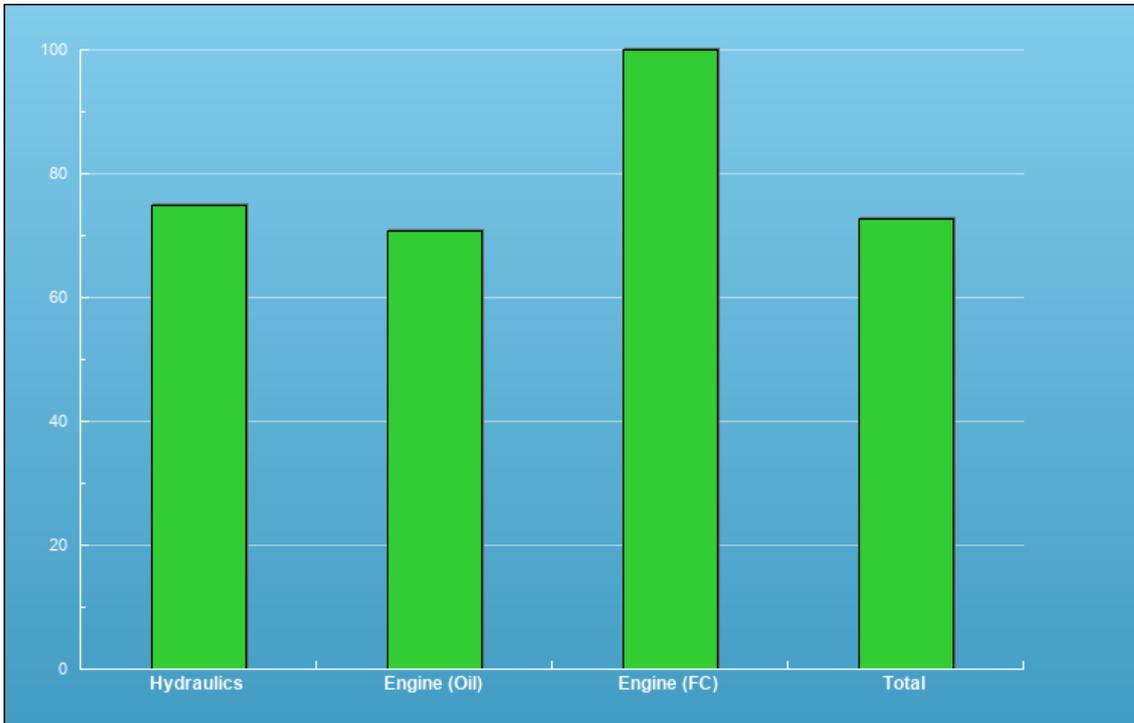
Machine / lubrication point	CO ₂ e (in kg/*)		CO ₂ e saving		Costs (in /*)		Cost saving	
	Mineral oil	ECL	in kg/*	in %	Mineral oil	ECL	in /*	in %
DOOSAN DX80R	0.32	0.00	0.32	100.0	0.78	0.00	0.78	100.0
Hydraulics	0.15	0.00	0.15	100.0	0.28	0.00	0.28	100.0
Engine (Oil)	0.17	0.00	0.17	100.0	0.49	0.00	0.49	100.0
Engine (FC)	0.00	0.00	0.00	100.0	0.00	0.00	0.00	100.0
DOOSAN DX85R	0.00	0.09	-0.09	0.0	0.00	0.40	-0.40	0.0
Hydraulics	0.00	0.04	-0.04	100.0	0.00	0.18	-0.18	100.0
Engine (Oil)	0.00	0.05	-0.05	100.0	0.00	0.23	-0.23	100.0
Engine (FC)	0.00	0.00	0.00	100.0	0.00	0.00	0.00	100.0
Total for all machines	0.32	0.09	0.23	72.7	0.78	0.40	0.37	47.9

* /h, /km, /Mile

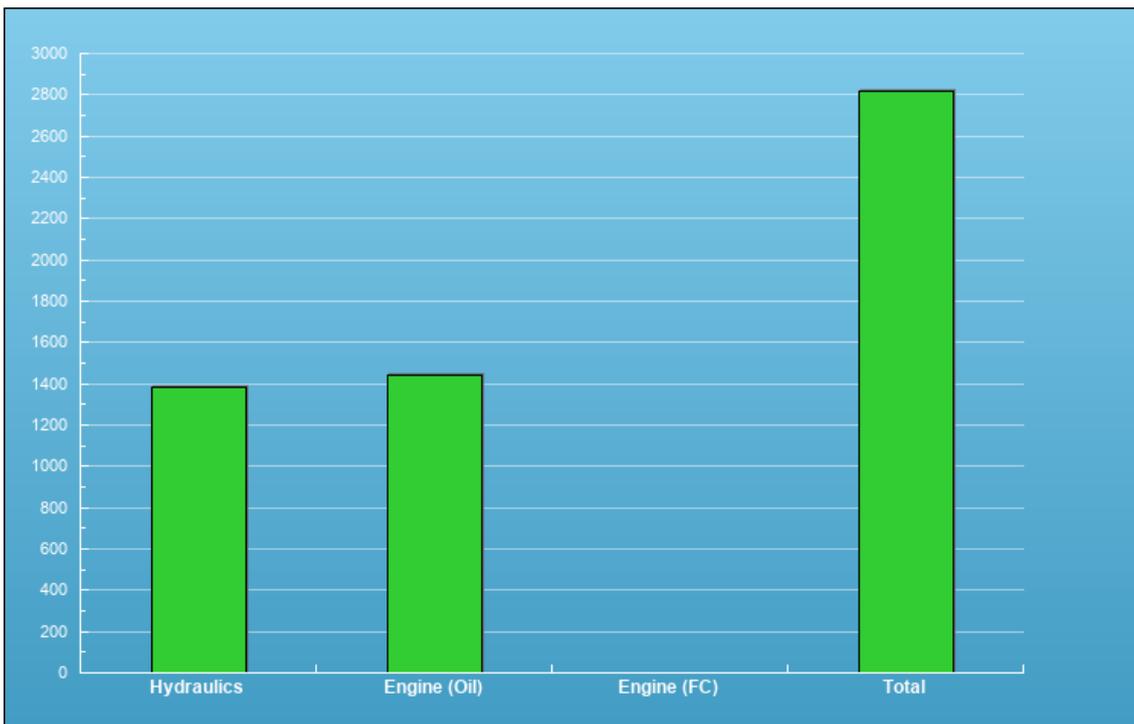
Machine / lubrication point	CO2e (in kg)		CO2e saving		Costs (in)		Cost saving	
	Mineral oil	ECL	in kg	in %	Mineral oil	ECL	in	in %
DOOSAN DX80R	3'876	0	3'876	100.0	9'315	0	9'315	100.0
Hydraulics	1'845	0	1'845	100.0	3'410	0	3'410	100.0
Engine (Oil)	2'031	0	2'031	100.0	5'905	0	5'905	100.0
Engine (FC)	0	0	0	100.0	0	0	0	100.0
DOOSAN DX85R	0	1'058	-1'058	0.0	0	4'849	-4'849	0.0
Hydraulics	0	464	-464	100.0	0	2'134	-2'134	100.0
Engine (Oil)	0	594	-594	100.0	0	2'715	-2'715	100.0
Engine (FC)	0	0	0	100.0	0	0	0	100.0
Total for all machines	3'876	1'058	2'818	72.7	9'315	4'849	4'466	47.9

CO₂e savings potential for all machines

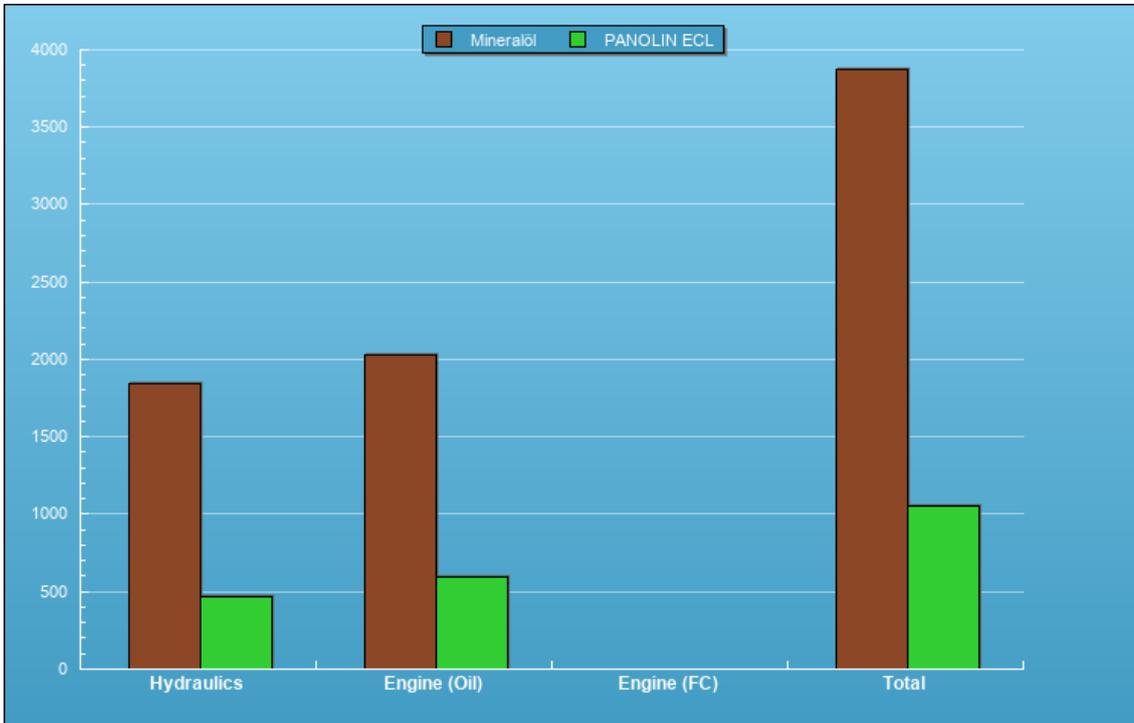
CO₂e savings potential in percent



CO₂e savings potential in kg

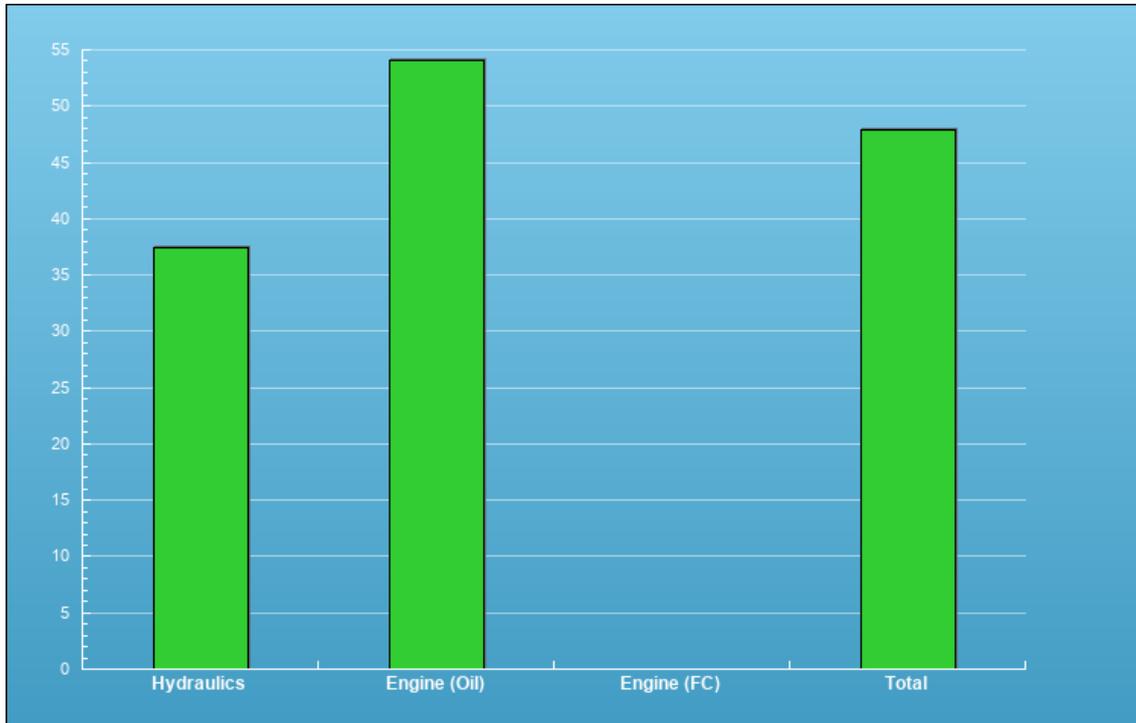


CO₂

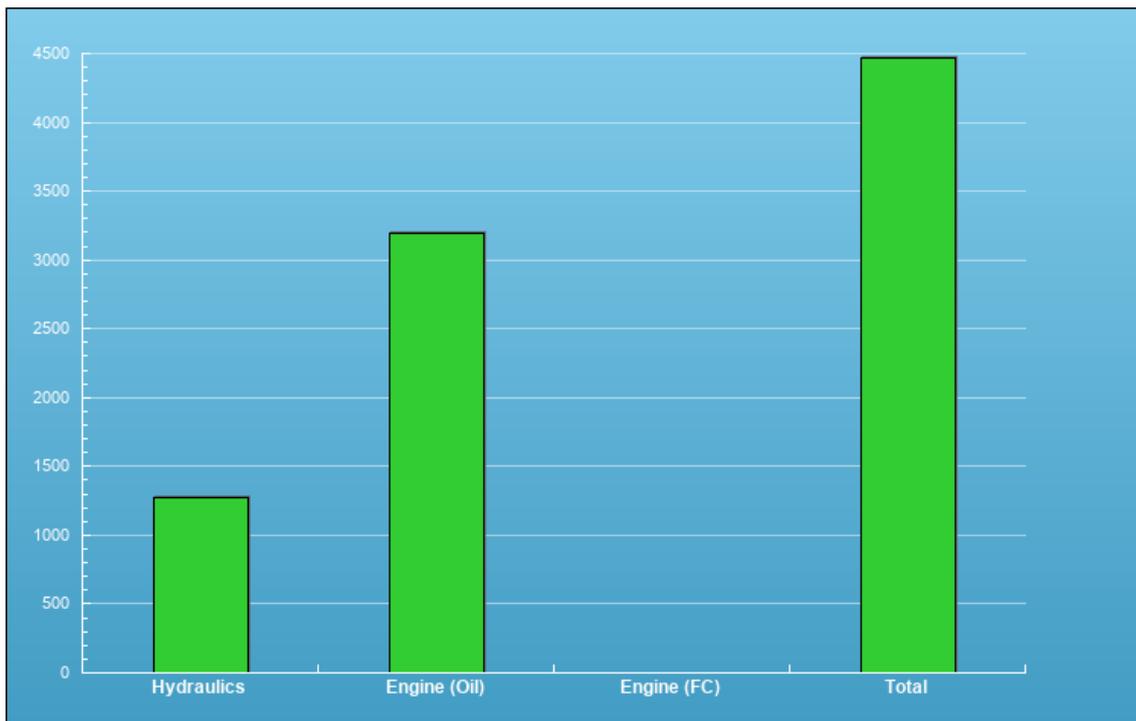


Cost savings potential for all machines

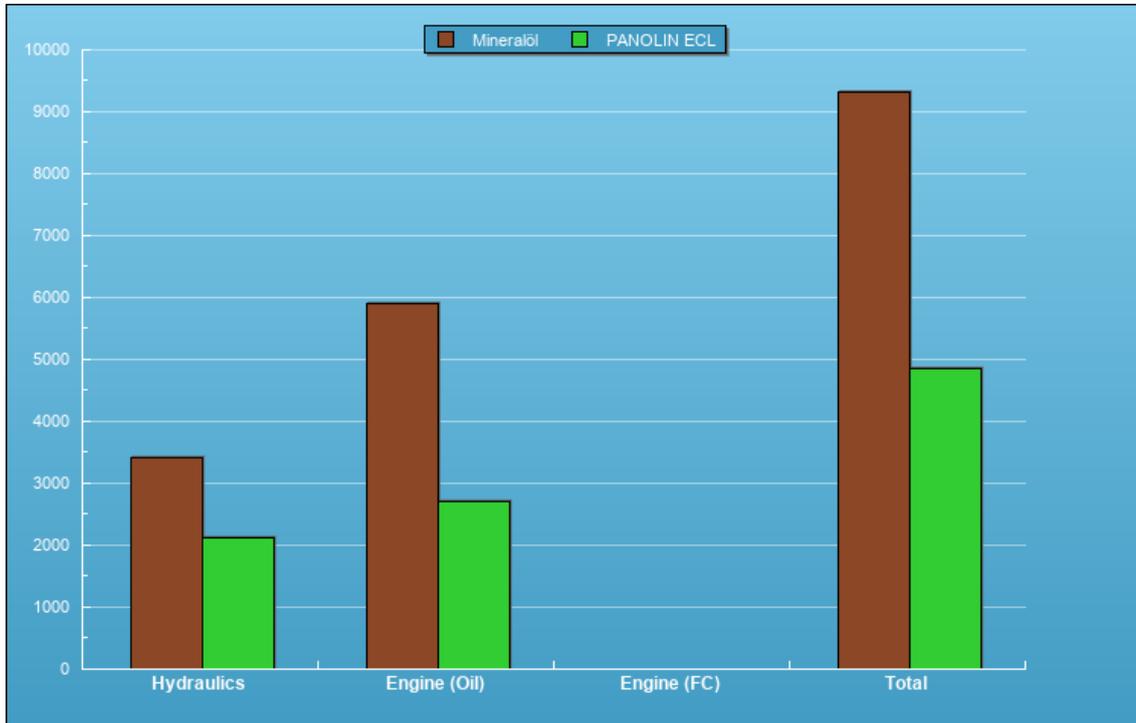
Cost savings potential in percent



Cost savings potential in



Total costs for all machines in



Filling data

DOOSAN DX80R Operating time: 12000 h

Number: 1

Hydraulics: 127l, MIN ISO 46 / 0

Engine: 12l, MIN SAE 15W/40 / 0

DOOSAN DX85R Operating time: 12000 h

Number: 1

Hydraulics: 148l, 0 / PANOLIN HLP SYNTH 46

Engine: 10l, 0 / PANOLIN BIOMOT LD 10W/40