

TECHNICAL DATA SHEET

Soluble lubri-coolant fluids

Performa

diethanolamine free**Main features**

Performa mineral lubri-coolants are quality products with the following characteristics:

- diethanolamine free
- specific for any production need
- prepared in respect of the environment and the user's protection
- prepared without hexahydrotriazine bactericide, in compliance with the Ministerial Decree of 7 July 1999, which introduces the 24th Adaptation Directive EEC 98/73 - 67/548

Performa mineral lubri-coolants diluted in water at the concentrations of use allow:

- recycling in single or centralised machine tool tanks
- constant stability in hard water
- foam not to form with medium hard water
- a reduced chemical risk
- a reduced biological risk

Field of application

Performa mineral lubri-coolants without diethanolamine are specific for:

- significant removal on alloyed steels
- removals on malleable alloys
- removals on all metals
- removal and grinding on all metals
- grinding on steels

Main characteristics of multi-purpose preparations

Product	Appearance	Mineral oil content	EP additives content	Lubricant additives content	Initial water hardness	Refractometric correction	Recyclability
Performa 20	Milky	High	High	Medium	15-30	1	High
Performa 20 HW	Milky	High	High	Medium	30-45	1	High
Performa 30	Opalescent	High	Absent	High	15-35	1	High
Performa 30 HW	Opalescent	High	Absent	High	35-50	1	High
Performa 40 AL	Semi-transparent	Low	Absent	High	15-35	1.4	High
Performa 40 AL HW	Semi-transparent	Low	Absent	High	35-50	1.4	High
Performa 50	Opalescent	Low	Absent	Medium	15-35	2	Medium
Performa 60 CU	Milky	High	Low	Absent	10-20	1	Low
Performa 80	Transparent	Absent	Absent	Absent	<15	2.5	Medium
Performa 90	Semi-transparent	Low	Absent	Low	20-30	1.5	High

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Application guide

	Cast iron		Steel C		Stainless Steel		Steel Pb		Aluminium Si		Aluminium MgCu		Copper alloys	
	T	R	T	R	T	R	T	R	T	R	T	R	T	R
Minerals														
Performa 20			5-8 ■■■		6-10 ■■■		5-7 ■■■		5-8 ■■■					
Performa 20 HW			5-8 ■■■		6-10 ■■■		5-7 ■■■		5-8 ■■■					
Performa 30	4 ■■■	2,5 ■■■	4 ■■■	2,5 ■■■										
Performa 30 HW	4 ■■■	2,5 ■■■	4 ■■■	2,5 ■■■										
Performa 40 AL	4 ■■■	2,5 ■■■	4 ■■■	2,5 ■■■			5 ■		4-5 ■■■	2,5 ■■■				
Performa 40 AL HW	4 ■■■	2,5 ■■■	4 ■■■	2,5 ■■■			5 ■		4-5 ■■■	2,5 ■■■				
Performa 50	4-5 ■		4-5 ■■■	2,5 ■■■	6-8 ■	2,5 ■	5-6 ■■■	2,5 ■	5-6 ■■■					
Performa 60 CU													2-3 ■■■	
Performa 80		1,5-2 ■■■		1,5-2 ■■■										
Performa 90	3 ■■■	2 ■■■	3,5 ■■■	2 ■■■										

Key

T

Turning

R

Grinding



Highly suitable



Suitable



Not very suitable

The number expresses the refractometric percentage concentration of use