



Molson 100 HSR

Molson 100 HSR is a high quality multifunctional oil with best properties for the hydraulic pressure, lubrication and temperature control.

Molson 100 HSR can be used in a wide temperature range.

Typical data	Test Methods		Requirements	Result
Aussehen			clear, free from suspended solids	clear, free from suspended solids
Flash Point COC	DIN 51 376	°C	> 100	248
Water Content	ASTM D 6304	mg/kg	≤ 500	< 100
Neutralization Number	ASTM D 974	mgKOH/g	≤ 0,2	< 0,03
Sulfur	ASTM D 2622	Gew.%	≤ 0,2	0,15
Chlorine Content	ASTM D 5384	Gew.%	≤ 0,01	< 0,001
Corrosion on copper	ASTM D 849	Degree	max. 2	1b
Viscosity at 0°C	ASTM D 445	mm ² /s	specify	1.830
Viscosity at 40°C	ASTM D 445	mm ² /s	specify	100
Viscosity at 100°C	ASTM D 445	mm ² /s	specify	11
Viscosity Index	ASTM D2270		----	93
Pourpoint	ASTM D 97	°C	specify	-12
Density at 15°C	ASTM D 1298	Kg/m ³	specify	884
Ash Content	ASTM D 482	%(m/m)	specify	0,01
Conradson Carbon Residue	ASTM D 189	Gew.%	specify	< 0,15
Ignition temperature	ASTM D 97	°C	specify	approx. 350
Boiling Range		°C	----	400 – 580
Supply flow temperature max.		°C	specify	320
Film temperature max.		°C	specify	340

Fuld of application

Molson 100 HSR can be used as low viscous oil for the HOT-S-ROLL 200 and for the roll combination HOT S-ROLL 200 - steet roll (Release Andritz Küsters 096.600/38 en)