



PETROLEUM

VKB Petroleum CCSM

PRODUCT DESCRIPTION

CCSM is a fully synthetic oils for continuous casting steel mold with specially selected additives to protect the molds of continuous casting machines. Their ultra-high flash point, stable ignition properties, and viscosity provide good lubrication properties through stable carbon layer formed on the mold.

Features

- Excellent, and stable metal surface properties.
- It guarantees dry lubrication without cavitation, blue holes, and cuts.
- Homogeneous metal surface, and free of defects.
- It guarantees longer life time for the mold.

VKB petroleum CCSM Applications Steel Continuous Casting (CCM)

TYPICAL TECHNICAL DATA

Property	Test	Units	CCSM 32	SML 36	SM 40	CCSM 52
Nature	-	-	Synthetic	Synthetic	Synthetic	Synthetic
Density @ 15° C	ASTM D1298	Kg/m ³	0.91	0.915	0.915	0.920
Viscosity @ 40° C	ASTM D445	mm ² /s	32	36	40	52
Viscosity @ 100° C	ASTM D445	mm ² /s	7.47	8.17	8.85	10.16
Viscosity Index	ASTMD2270	-	213	212	210	200
Flash Point	ASTM D93	° C	330	320	318	310
Saponification Value	ASTM D94	mgKOH/gm	190	185	184	180
Water Content	Crackle	ppm	free	free	free	free