



Lyden Oil Company

ProGuard

Product Information

ProGuard SD Circulating Oil

ProGuard SD Circulating Oil is a high quality, high viscosity index back-up roll bearing oil, recommended for the lubrication of oil-film bearings on backup rolls in metal rolling mills. It is designed to meet the specifications of bearing manufacturers. This oil is inhibited to protect bearing and journal surfaces against rust and corrosion. It provides exceptional demulsibility, meeting the "Super Demulsibility" specification while providing extended lubrication life.

Applications

- US Steel 135
- Complies with the MORGOIL® SD specification*
- ARMCO Circulating Oil

Typical Properties

ProGuard

SD Circulating Oil	68	100	150	220	320	460	680
Product Code Number	17925	17819	17926	17915	17916	17917	17918
Viscosity, ASTM D-445							
cSt at 100 °C	8.7	11.0	15.2	18.7	24.0	30.3	37.3
cSt at 40 °C	68	100	150	220	320	460	680
Viscosity Index	97	97	97	99	99	99	90
Flash Point, °C (°F), ASTM D-92	230(446)	233(450)	238(460)	243(470)	249(480)	257(495)	257(495)
Pour Point, °C (°F), ASTM D-5950	-17 (0)	-17 (0)	-15 (5)	-15 (5)	-12 (10)	-9 (15)	-7 (20)
Demulsibility, @ 125°F, ASTM D-2711							
Total Free Water, mL	37	37	37	38	37	38	35
Emulsion, mL	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Emulsion Test, @ 125°F, ASTM D-1401							
Minutes to pass	25	25	25	25	25	25	25
Foam Test, ASTM D-892	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion, ASTM D-130	1A	1A	1A	1A	1A	1A	1A

*MORGOIL® is a registered trademark of Primetals Technology USA LLC

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