

GHH RAND®

Primecool Plus

This synthetic coolant, based on polyalfaolefine is ideal for use with oil injected screw airends demanding a long life cycle and extremely high thermal stability.



Benefits for customers

- Optimum airend performance
- Warranty extension for airends
- Double life cycle resulting in lower labour and service costs
- Smooth and trouble-free airend operation

Increased warranty

- Warranty is extended from 12 months to 36 months (irrespective of operating hours), on the basis of exclusive use of Primecool Plus within an airend.

Change intervals

- Under normal operating conditions, Primecool Plus has an approved life expectancy of 8,000 running hours

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Highlights

- Excellent oxidative and thermal stability
- Compression temperature up to 110°C
- Low inclination to carbonize or foam
- Good air separation properties
- High anti-corrosion protection
- Low aging tendency
- Good demulsification
- Low evaporation
- Excellent EP-wear protection
- Excellent thermal stability viscosity characteristics
- Good behaviour at low temperature

Parameters	Units	46	68	Test method
Density at 15 °C	kg/m ³	843	845	DIN 51 757
Kinematic viscosity				
→ At 40 °C	mm ² /s	46	68	DIN EN ISO 3104
→ At 100 °C		8.0	10.6	
Viscosity Index	-	146	144	DIN ISO 2909
Flash Point (Cleveland Open Cup)	°C	260	260	DIN ISO 2592
Pour Point	°C	<-60	-54	DIN ISO 3016
Neutralization number	mg KOH/g	0.2	0.2	ISO 6618
Demulsification at 54 °C	min	10	15	DIN ISO 6614
Foaming				
Seq. I: 24 °C	ml/ml	0/0	ISO 6247	
Seq. II: 93.5 °C				
Seq. III: 24 °C after 93.5 °C				
Air release at 50 °C	min	2	5	DIN ISO 9120

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