

CERTIFICATE OF ANALYSIS

PROPERTY	SPECIFICATION	Phosphate ester type fire-resistant hydraulic oil	Test method	EQUIVALENT DIN/ISO
ACIDITY (mgKOH/g)	≤ 0.10	0.02	GB/T 264	51 558-1
COLOR	Colorless or light yellow	Light yellow	Visualization	
VISCOSITY C_s @ 40°C (mm ² /s)	41.4~50.6	47.56	GB/T 265	51 562-1
AUTOIGNITION TEMPERATURE (°C)	≥ 530	548	SH/T 0642	
SPECIFIC GRAVITY 20°C (kg/m ³)	1130~1170	1.140	GB/T 1884	51 757
AIR ENTRAINMENT (50°C)/min	≤ 3	1.4	SH/T 0308	
CHLORINE CONTENT, PPM	≤ 50	30	SH/T 0929	51 577-3
Volume resistivity 20°C ($\Omega \cdot \text{cm}$)	$\geq 1 \times 10^{10}$	3.8×10^{10}	GB/T 5654	
PARTICLE CONTAMINATION, per 100 mL	≤ 6	6	DL/T 432	

5-10 μ	24000		Meets SAE 749 Class3	ISO 4406 <15/12
10-25 μ	5360			
25-50 μ	780			
50-100 μ	110			
>100 μ	11			
POUR POINT, °C	≤ -20	-24	GB/T 3535	DIN/ISO 3016
FOAM MLS @25°C tendency (ml/ml)	$\leq 30/0$	10/0	GB/T 12579	ISO 6247
FLASHPOINT, °C	≥ 235	248	GB/T 3536	DIN/ISO 2592
FIRE POINT, °C	≥ 352	376	GB/T 3536	DIN/ISO 2592
WATER CONTENT (mg/L)	≤ 1000	648	GB/T 7600	

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