

Lab Report Number: FSR 1234
Customer: Star Hydraulics Ltd.
Sample Number: 1
Fluid Type: Generic Oil VG 100
Type of Machine: Misc. Equipment
Sample Date: 01/01/2017
Sampling Reference: X / Y Investigation

	Critical
	Action
	Good

Remarks

Example figures.

Particle Distribution Measurement

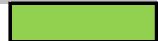
According to ISO 11500

Particle Size	SAE AS 4059 Particles per 100ml	SAE Class	ISO 4406:1999 Particles per 100ml	ISO Class
>4µm	67327	8	124445	17
>6µm	45055	8	57118	16
>14µm	6415	8	12063	14
>21µm	5103	10		
>38µm	505	9		
>100µm	40	8		

Water Content

Direct Method According to ASTM D6304

124.5 PPM



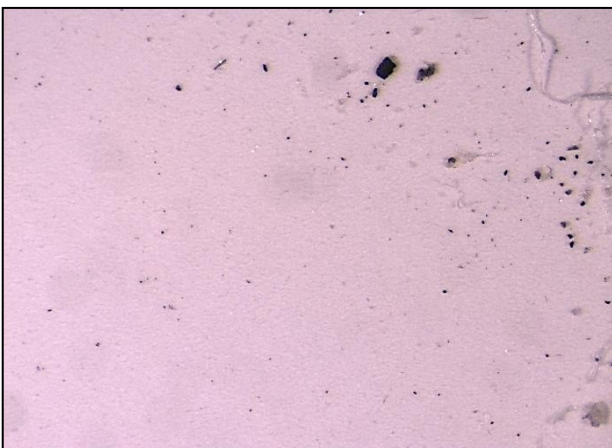
Conductivity

According to ASTM D2624

491 pS/m

Microscopic Contamination Analysis

Optical Magnification 100-Times



Types of Particles

Silicate residue, black contamination, fibres, metal content.

100ml of Fluid Filtered

Comparison Photograph - Contamination Class According to ISO 4406:1999

ISO Code	SAE Class	10
17/16/14	NAS Class	9