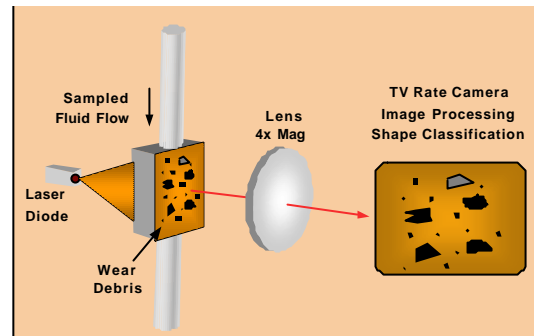


*m*





Hull Number	MCCOL	Roller	10-1 BILLION RUN 2	Fluid Type	UNKNOWN
Equip ID#	344606W	Operating Time	hrs/mile	Sample	7/25/1998
Equip Name		Mileage since overhaul		Operator	TARANACLOUGH
Valve Loc	ROTWARD	Mileage since oil Chg		Analysis	7/25/1998 18:31

Hydraulic	Wear Summary	Cutting Wear	Sliding Wear	Fatigue Wear	Oxide
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Wetpan	OUTSIDE	INSIDE	LMT
SE 45% (18%)	-1.0	-1.0	-1.0
SE 45% (18%)	-1.0	-1.0	-1.0

NAS 1638		
NAS 1638	Part/100ml	TT
5-75 um	40,124	11
15-25 um	40,994	10
25-50 um	6,290	11
50-100 um	623	8
>100 um	360	7

Graph showing Particle Size Distribution for NAS 1638. The y-axis is Particles/100 ml (0 to 600,000) and the x-axis is Particle Diameter (5-15um, 15-25um, 25-50um, 50-100um, >100um). The distribution shows a peak at 5-15um with a concentration of 41,428,134 particles/100ml. Other concentrations are 24,43,834, 2,8,310, 2,023, and 1,308.

# Samples=2
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Back	Wear Images	Print	Export Current Sample
	Trend / Diagnosis	Edit Sample Info	

Hull Number	PSIJ	Hrs/mile since overhaul	120	Operator	MCCLELLAND T
Equip RN	MDT15	Hrs/mile since oil Chg	120	Sample Date	07/28/1998
Equip Name	GEARBOX	Fluid Type	MOBIL SHC 634	Analysis Date	01/25/1999
Valve Loc	GEARBOX			Sample Seq #	7

All Particles	Cutting Wear	Sliding Wear	Fatigue Wear
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Two line graphs showing wear trends over operating hours (90 to 120). The left graph is 'Wear Particle Concentration' (Particles/ml) and the right is 'Percent Large Particles'. Both show a peak around 95 hours and then a decline.

Right-Most WPC=	17,368	Right-Most PLP=	46.2 %
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Back	Wear Images	Print
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Total # Samples	55
Sample Date	7/3/1998
Earliest Sample	0
Latest Sample	7/28/1998

Trend By	Samp Date
Op Hrs/Mi	Critical
	Marginal
	Normal

