

ADVANCED WARNING

For the attention of
 Telephone
 Fax
 Laboratory Report Reference
 Laboratory Report Date 01-Aug-13
 Receipt Date 30-Jul-13
 Sample Date 29-Jul-13

Equipment Information
 Registration § TS
 Position §
 Description § TEST STAND 3
 Manufacturer §
 Model §
 Serial Number §
 Customer Reference §
 Unique Code W25.1002
 Oil Grade § MIL-PRF-7024E
 Unit Life § -
 Oil Life § -

Comment
 Water in alert. Viscosity in alert.

Sample Number	11	12	13	14	15	16 *	17 **	18 *	19 **	20 **	
Analysis Date	11-Nov-10	12-May-11	10-Nov-11	08-May-12	06-Nov-12	09-Jan-13	07-Mar-13	05-Jun-13	17-Jun-13	01-Aug-13	
Sample Date §	29-Oct-10	28-Apr-11	01-Nov-11	03-May-12	24-Oct-12	20-Dec-12	27-Feb-13	29-May-13	06-Jun-13	29-Jul-13	
Lab Reference	HYD39434	HYD41358	HYD43108	HYD45326	HYD46778	HYD47296	HYD47781	HYD48416	HYD48489	HYD48778	
Unit Life											
Oil Life											
Oil Added §											
Ticket Number	46-169175 2	46-172858 7	46-176869 5	46-180798 6	46-184690 8	PO:46-185 1182	46-199674 2	46-226406 3	PO:46-230 9436	46-244971 5	
Physical Condition											
Viscosity at 40°C (M002)	cSt	1.02	0.93	1.00	0.92	1.0	1.0	0.98	1.00	0.99	1.26 **
Specific Gravity (M011)		0.772	0.772	0.773	0.764	0.766	0.772	0.772	0.764	0.7702	0.7705
Water (M017/23/26)	ppm	<20	20	49	73	34	<20	145 **	45	<20	49 **
TAN (M007)	mg KOH/g	0.03	0.11	0.01	0.15	0.04	0.02	0.04	0.01	0.01	0.01
Colour (M009)	units	Yellow	Yellow	C'less	Yellow	Yellow	Yellow	Orange	Yellow	Yellow	Yellow
Appearance	visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Visible Debris	Clear	Clear
PS 5 - 15 µm (M008 / M033)	per 100ml	9106	6323	3241	3090	4814	29023 *	54074 **	45358	16239 **	684
NAS 1638 5-15 (M008 / M033)	class	6	5	4	4	5	7	8	8	7	2
PS 15 - 25 µm (M008 / M033)	per 100ml	794	879	376	164	420	91	2016	5918	95	116
NAS 1638 15-25 (M008 / M033)	class	5	5	4	2	4	2	6	8	2	2
PS 25 - 50 µm (M008 / M033)	per 100ml	178	96	156	30	126	47	701 **	2516	503 **	45
NAS 1638 25-50 (M008 / M033)	class	5	4	5	2	4	3	7	9	6	3
PS 50 - 100 µm (M008 / M033)	per 100ml	23	9	18	0	12	5	69 **	567	56 **	5
NAS 1638 50-100 (M008 / M033)	class	5	3	4	0	4	2	6	9	6	2
PS 100+ µm (M008 / M033)	per 100ml	0	0	0	0	0	0	8 **	42	3	0
NAS 1638 100+ (M008 / M033)	class	0	0	0	0	0	0	5	8	4	0
NAS 1638 (M008 / M033)	class	6	5	5	4	5	7	8	9	7	3