Hydraulic oil filtration test on the SCHULER SMG press

<u>1.Measurement</u>

Date:	20.03.2014			
Place of measurement:	Line 2, press 3	3		
	Before installa	ation of the DE	LTA TECHNOL	OGY filter system
Instrument:	PAMAS S 40			
Measurement modus:	Low pressure	measurement		
Result:	4µ-class	6µ-class	14µ-class	
Atomic number ISO 4406	18	16	13	
Particle sized:				
from	130.000	32.000	4.000	according to ISO 4406
up to	250.000	64.000	8.000	according to ISO 4406
Average value (mathematica	l) 190.000	48.000	6.000	
2.Measurement				
Date:	30.04.2014			
Date: Place of measurement:	30.04.2014 Line 2, press 3	3		
	Line 2, press 3	weeks of use o	f the DELTA TI	ECHNOLOGY filter
	Line 2, press 3 After about 6	weeks of use o	f the DELTA TI	ECHNOLOGY filter
Place of measurement:	Line 2, press 3 After about 6 system on pre PAMAS S 40	weeks of use o		ECHNOLOGY filter
Place of measurement: Instrument:	Line 2, press 3 After about 6 system on pre PAMAS S 40	weeks of use o ess 3		ECHNOLOGY filter
Place of measurement: Instrument: Measurement modus:	Line 2, press 3 After about 6 system on pre PAMAS S 40 Low pressure	weeks of use o ess 3 measurement		ECHNOLOGY filter
Place of measurement: Instrument: Measurement modus: Result:	Line 2, press 3 After about 6 system on pre PAMAS S 40 Low pressure 4µ-class	weeks of use of ess 3 measurement 6µ-class	14µ-class	ECHNOLOGY filter
Place of measurement: Instrument: Measurement modus: Result: Atomic number ISO 4406	Line 2, press 3 After about 6 system on pre PAMAS S 40 Low pressure 4µ-class	weeks of use of ess 3 measurement 6µ-class	14µ-class	ECHNOLOGY filter according to ISO 4406
Place of measurement: Instrument: Measurement modus: Result: Atomic number ISO 4406 Particle sized:	Line 2, press 3 After about 6 system on pre PAMAS S 40 Low pressure 4µ-class 12	weeks of use of ess 3 measurement 6µ-class 10	14µ-class 7	

Change

Date:

30.04.2014

	<u>4µ-class</u>	6µ-class	14µ-class
1.measurement of average value	190000	48000	6000
2.measurement of average value	3000	750	97
Change	-187.000	-47.250	-5.903
	98.42 %	98.44 %	98.38 %

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Press 2
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Press 4

2014-03-20 11:00:09 4µm (c) 14944 AS40590:7A/7B/6C/8D/9E/11F 2µm : 15517 : 10074 10µm (c): 1239 : 760 AS4059D:11A-F 1µm : 1389 : 926 21µm (c): 130 : 61 GJB420B-9B-E GJB420B-9B-F 15µm : 463 : 267 25µm (c): 69 : 48 GJB420B-7A/7B/6C/8D/9E/11F 2bµm : 115 : 88 70µm (c): 11 : 11 11 11 2bµm : 115 : 88 70µm (c): 11 : 11 11 11 50µm : 27 : 18 70µm (c): 11 : 11 11 11 Yolume : 10.0ml Sample : As4059E :9A-F As4059E :9A-F As4059E :9A-F As4059E :9A/8B/7C/8D/7E/9F As4059E :9A-F As4059E :8B -E 1914 GJB420A-816,8,7,7,8) GJB420B-8B-E 194 19µm (c): 628 : 333 Sample ready Profile ready Profile ready Profile ready Profile ready 70µm (c): 14 : 14 01420B8B-E 10A-F	PAMAS Partéeness-ung Partéeness-ung Sample ID: Sample 1, Meas. 1	PARMAGE Contraction of Analyses streme Analyses streme Sample 1, Meas. 1 2014-03-20 11:01:08 Size : Counts cum : diff.	Reihe 1, Mess. 29 2014-03-20 11:41:49 Größe : Anzahl kum.: diff. 4µm(c): 9161: 6814 6µm(c): 2347: 1696 10µm(c): 651: 348 14µm(c): 303: 172 21µm(c): 131: 43 25µm(c): 88: 39 38µm(c): 49: 12 70µm(c): 37: 37 Volumen: 10.0ml ISO:17/15/12
	2014-03-20 11:00:09 Size : Counts cum.: diff. 2µm : 15517 : 10074 5µm : 5443 : 4054 10µm : 1389 : 926 15µm : 463 : 267 20µm : 196 : 81 25µm : 115 : 88 50µm : 27 : 18 100µm : 9 : 9 Volume : 10.0ml ISO:18/16/13 NAS:9(8,7,7,7,9) GOST 17216:12 GJB420A-8(8,8,7,7,8) Sample ready	4μm(c): 21057 : 14944 6μm(c): 6113 : 4874 10μm(c): 1239 : 760 14μm(c): 479 : 349 21µm(c): 130 : 61 25µm(c): 130 : 61 25µm(c): 21 : 10 70µm(c): 11 : 11 Volume : 10.0ml ISO: 150 : 16.7 AS4059D: 9A - F AS4059D: 9A - F AS4059E: 9A - F Sample ready Sample ready	AS4059D:11A-F AS4059D:7A/78/6C/80/9E/11F AS4059E:11A-F AS4059E:7A/78/6C/80/9E/11F GJB420B-9B-E GJB420B-7A/78/6C/80/9E/11F Reihe 1, Mess. 30 2014-03-20 11:42:14 Größe : Anzahl kum.: diff. 4µm(c): 9393: 6851 6µm(c): 2542: 1914 10µm(c): 628: 333 14µm(c): 295: 191 21µm(c): 104: 42 25µm(c): 628: 36 38µm(c): 26: 12 70µm(c): 14: 14 Volumen: 10.0ml ISO:17/15/12 AS4059D:10A-F AS4059E:10A-F AS4059E:10A-F AS4059E:7A/78/6C/7D/8E/10F GJB420B-8B-E

Installation of DELTA TECHNOLOGY filter system in press 3

Oil sample Press 3

Measurement 30.04.2014

(After about 6 weeks with DELTA TECHNOLOGY filter system)

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Size Counts cum diff AS 40590: 3A -F 21µm(c): 1 0 sum(c) 398 240 AS 40590: 3A /F 25µm(c): 1 0 sum(c): 90 73 AS 40590: 3A /F 25µm(c): 0 0 sum(c): 7 15 Ks4596: 3A /2B /1C /1D /000E /000F 70µm(c): 0 0 sum(c): 7 5 G3B 4208 - 28 - E Volume: 10.0ml 10.0ml 21µm(c): 0 0 0 0 0 0 21µm(c): 0 0 0 0 0 0 21µm(c): 2 0 0 0 0 0 21µm(c): 2 0 0 0 0 0 0 21µm(c): 0 0 0 0 0 0 0 0 21µm(c): 0 0 0 0 0 0 0 0 0 100ml 10 0 0 0 0 0 0 0 0 <t< td=""><td>Sample 1, Meas. 3</td><td>Volume 10.0ml</td><td></td></t<>	Sample 1, Meas. 3	Volume 10.0ml	
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4umit(): 338 240 x540590:3A/2B/12/10/000F 25µmit(): 1: 1 1 5µmit(): 17 16 x540590:3A/2B/12/10/000F 38µmit(): 0: 0 14µmit(): 7 5 G3B4208-2B-E 70µmit(): 0: 0 21µmit(): 2: 1 10 0:001 150:12/11/6 0:001 23µmit(): 2: 1 10 0:001 0: 0 0:001 70µmit(): 0: 0 0 0: 0 0:001 0:001 0: 0:001 Volume: 10.001 0:	Size : Counts cum 0		21µm(c): 1 0
Sum(c): 90 73 AS4059E::3A-F 30,mi(c): 0 9 19,mi(c): 17 16 K54059E::3A-F 70,mi(c): 0 9 21,mi(c): 2 0 GJB420E::3A/2B/12C/1D/000E/000F Volume : 10:0ml 23,mi(c): 2 0 GJB420E::3A/2B/12C/1D/000E/000F Volume : 10:0ml 23,mi(c): 2 0 GJB420E::3A/2B/12C/1D/000E/000F Volume : 10:0ml 70,mi(c): 0: 0 0 0 Volume : 10:0ml 70,mi(c): 0: 0 0 Volume : 10:0ml 70,mi(c): 0: 0 0 Volume : 10:0ml 70,mi(c): 0: 0 0 Volume : 10:0ml 70,0ml 0: 0 0 0 0 Volume : 70,0ml 0: 0: 0 0 0 0	4µm(c): 330	240 AS48590: 3A/28/10/10/8886/000F	
Blumic: 17 10 MSA0595:3A/2B/1K/1D/000E/000F 70,mitC:: 0: 0: 0 14umic: 7 5 GJB 4208-2B-E Volume 10:0ml 0:		73 ACAOSOF - 34 - F	Addmitel.
14umic1: 7 3 GJB4208-28-E Volume 10 min 21umic1: 2 1 GJB4208-38/28/12/10/000E/000F ISO:12/11/6 Asiabse: 38/28/02/000F 39umic1: 1 1 1 Average i Asiabse: 38/28/02/000F Asiabse: 38/28/02/000F Volume 10.0ml 1 1 Average i Asiabse: 38/28/02/000F Asiabse: 38/28/02/000F 150:12/11/0/7 4µmic1: 31.8 239.2 Asiabse: 38/28/02/000F Asiabse: 38/28/02/000F Asiabse: 38/28/02/000F 4µmic1: 92.5 74.5 GJB4208-38/28/02/000F Asiabse: 38/28/02/000F 14µmic1: 18.0 10.8 GJB4208-38/28/02/000F Asiabse: 38/28/02/02/02/000F 14µmic1: 7.2 4.5 5 Asiabse: 38/28/02/01/10/38/000F 21µmic1: 2.8 0.8 Average : Size 21µmic1: 2.8 0.8 Average : 0.0 GJB4208-38/28/12/10/38/000F 21µmic1: 0.5 0.0 6µmic1: 308.7 223.6 GJB4208-38/28/12/10/38/000F 70µmic1: 0.0 0.0 10µmic1: 5.7 3.8 <td></td> <td>10 AS 00596 - 38 /28 /1C /10 /0006 /000F</td> <td>70um(c): 0 0</td>		10 AS 00596 - 38 /28 /1C /10 /0006 /000F	70um(c): 0 0
21µmic/: 2 0 GJB#208-34/28/12/10/008E/000F ISO:12/11/6 25µmic/: 2 1 GJB#208-34/28/12/10/008E/000F ISO:12/11/6 25µmic/: 1 1 Average i IsA0590:33/28/02/00/000E/000F 70µmic/: 0 0 0 Size Counts cur. diff. 70µmic/: 0 0 0 Size Counts cur. diff. 7150:12/10/7 4 Size Counts cur. diff. As40590:33/28/02/00/000E/000F 7150:12/10/7 5 GJB#208-34/28/02/000E/000F GJB#208-34/28/02/000E/000F 7150:12/10/7 18.0 10.8 GJB#208-34/28/02/000E/000F 7150:12/10/7 18.0 10.8 GJB#208-34/28/02/000E/000F 7150:12/10/7 21µmic(: 2.8 0.8 Average : 7150:122/10/7 25µmic(: 0.5 0.5 Gµmic(: 308.7 223.6 70µmic(: 0.9 0.5 0.5 Gµmic(: 308.7 223.6 70µmic(: 0.9 0.5 0.5 Gµmic(: 308.7 223.6 70µmic(: 0.9 0.5 0.5 <td></td> <td>5 C104208-28-F</td> <td></td>		5 C104208-28-F	
25µm(c) 2 1 Average i Asia0540:34.2F 30µm(c) 0 0 0 0 0 Volume 10.0ml 4µm(c): 331.8 239.2 Asia0550:33/28/0C/00/900E/000F ASia0500:33/28/3C/10/78/000F 4µm(c): 331.8 239.2 Asia0590:33/28/0C/00/900E/000F ASia0500:33/28/3C/10/78/000F 4µm(c): 321.8 239.2 Asia0590:33/28/0C/00/900E/000F ASia0500:33/28/3C/10/78/000F 4µm(c): 18.0 10.8 0.38208-33/28/0C/00/900E/000F ASia0590:33/28/3C/10/78/000F 10µm(c): 7.2 4.5 0.38208-34/28/0C/00/900E/000F ASia0590:33/28/3C/10/78/000F 21µm(c): 2.8 0.8 Average : Asia0590:33/28/3C/10/78/000F 25µm(c): 0.9 1.5 5 5 Asia0590:33/28/3C/10/78/000F 25µm(c): 0.9 0.0 5 6 10.3 Asia0590:33/28/3C/10/78/000F 10.9ml 10µm(c): 5.7 3.0 Cuback 10.9ml 10µm(c): 5.7 3.0 Volume 10.9ml 10µm(c): 5.7 3.0 Volume <td></td> <td>9 c194209.34/39/30/10/909E/900F</td> <td></td>		9 c194209.34/39/30/10/909E/900F	
38juni (c): 1: 1 Average i #stabs90:3A/2B/0C/00/B08E/080F 70juni(c): 0: 0: 0: 5ize Counts cun. diff. #stabs90:3A/2B/0C/00/B08E/080F ISO:12/2/30/7 4mir(c): 331.8 239.2 #stabs90:3A/2B/0C/00/B08E/080F AS4059D:3A-F 0mir(c): 92.5 74.5 GJB4208-2B-E GJB4208-3A/2B/0C/00/B08E/080F AS4059E:3A/2B/JC/10/3E/080F 14µn(c): 7.2 4.5 GJB4208-3A/2B/0C/00/B08E/080F AS4059E:3A/2B/JC/10/3E/080F 14µn(c): 7.2 4.5 GJB4208-3A/2B/0C/00/B08E/080F GJB4208-3B-E 0jmi(c): 2.8 0.8 GJB4208-3A/2B/0C/00/B08E/080F GJB4208-3B-E 3bjm(c): 0.5 0.5 4µn(c): 308.7 223.6 GJB4208-3A/2B/1C/10/3E/080F 3bjm(c): 0.8 0.8 Average : 308.7 223.6 GJB4208-3A/2B/1C/10/3E/080F 3bjm(c): 0.9 0.0 5µm(c): 80.7 4µm(c): 308.7 223.6 GJB4208-3A/2B/1C/10/3E/080F 70µm(c): 0.9 0.0 5µm(c): 0.7 3.0 Subscission-3A/2B/3C/10/3C/10/3E		allesten bei ent sei ent	
70µm(c): 0: <th0:< th=""> 0: 0: 0:</th0:<>	and the second se	1	
Values 10.0ml 512a Counts Count 231.8 239.2 ASU395:33/28/0C/00/800E/000F ISO:12/10/7 6µm(c) 92.5 74.5 GJB4208-28-E GJB4208-34/28/0C/00/800E/000F AS40550:33/28/0C/00/800E/000F 10µm(c) 18.0 10.8 6JB4208-34/28/0C/00/800E/000F AS4059E:3A/28/0C/00/800E/000F 10µm(c) 18.0 10.8 6JB4208-34/28/0C/00/800E/000F AS4059E:3A/28/0C/10/J2F/000F 21µm(c) 7.2 4.5 6JB4208-34/28/0C/00/800E/000F AS4059E:3A/28/0C/10/J2F/000F 21µm(c) 7.2 4.5 6JB4208-34/28/0C/00/800E/000F GJB4208-3A/28/0C/10/J2F/000F 21µm(c) 7.2 4.5 5 6JB4208-34/28/0C/00/800E/000F GJB4208-3B-E 30µm(c) 0.5 0.5 4µm(c) 5.7 5 GJB4208-3A/28/3C/JD/3E/000F 70µm(c) 0.0 5µm(c) 308.7 223.6 GJB4208-3A/28/3C/JD/3E/000F 70µm(c) 0.5 0.5 4µm(c) 5.7 3.0 GJB4208-3A/28/3C/JD/3E/000F 70µm(c) 10.8 10.3 10µm(c) 5.7 3.0 GJB4208-3A/28/3C/JD/3E/000F 10.8 10.			
ISO:12/10/7 Gum(c): 92.5 74.5 GJB4208-28-E A\$40550:33.4 IOµm(c): 18.0 10.8 6JB4208-34/28/000E/000E/000E A\$40590:34/28/JL/JD/3E/000F IOµm(c): 18.0 10.8 6JB4208-34/28/00E A\$40590:34/28/JL/JD/3E/000F IOµm(c): 18.0 10.8 6JB4208-34/28/00E A\$40590:34/28/JL/JD/3E/000F 25µm(c): 2.8 0.8 Average: A\$40598:38/28/JL/JD/3E/000F 25µm(c): 2.9 1.5 Size Counts cum diff GJB4208-38/28/JL/JD/3E/000F 30µm(c): 0.5 0.5 4µm(c): 85.7 69.7 GJB4208-3A/28/JL/JD/3E/000F 70µm(c): 0.0 6µm(c): 85.7 3.0 Volume: 10.0ml ISO:32/10/7 I4µm(c): 5.7 3.0 Volume: 10.0ml ISO:32/10/7 I4µm(c): 5.7 3.0 A\$4059D:3A-F 21µm(c): 0.7 7.0 3.0 7.0 A\$4059D:3A-F 23µm(c): 0.7 7.0 3.0 7.0 A\$4059D:3A-F 23µm(c): 0.7 7.0 0.0 0.0<	a separation of the second s	Size courts cut. 200 3	
AS4.0550 SAF Djm(c) 10.8 DjB208-3J/28/9C/00/000E/000F AS4.0550:3J/28/1C/1D/3E/000F Djm(c) 7.2 4.5 AS4.0550:3J/28/1C/1D/3E/000F Djm(c) 7.2 4.5 AS4.0550:3J/28/1C/1D/3E/000F Djm(c) 7.2 4.5 AS4.0559C:3J/28/1C/1D/3E/000F Djm(c) 2.8 0.8 Average: Size Counts cum. diff CGJB4.200F-3K/28/1C/1D/3E/000F Djm(c) 0.6 0.0 Volume 10.9ml Djm(c) 3.6 10.3 ISO:12/10/7 I4jm(c): 5.7 3.0 Volume 10.9ml Djm(c): 2.7 2.8 AS4059D:3A/28/1C/2D/3E/000F Zijm(c): 0.7 3.0 2jm(c): 0.7 AS4059D:3A/28/1C/2D/3E/000F Djm(c): 0.7 3.0 2jm(c): 0.7 AS4059D:3A/28/1C/2D/3E/000F Zijm(c): 0.7 3.0 2jm(c): 0.0 AS4059E:3A/28/1C/2D/3E/000F Zijm(c): 0.7 0.0 0.0 0.0		4µm/c) 74 5	
AGAG595:3A728/12/12/3E7000F 10µm(c) 7.2.1 4.5 AGA6595:3A728/12/12/3E7000F 14µm(c) 7.2.1 4.5 AGA6595:3A728/12/12/3E7000F 21µm(c) 2.8 0.8 AGA6595:3A728/12/12/3E7000F 21µm(c) 2.8 0.8 AGA6595:3A728/12/12/3E7000F 25µm(c) 2.9 1.5 G3384206-38-2 38µm(c) 0.5 0.5 G3384208-3A/28/12/12/3E7000F 30µm(c) 0.0 6µm(c) Yolume 10µm 18µm(c) 16.8 10.3 ISO-112/10/7 14µm(c) 5.7 3.0 AS 40590:3A/28/12/10/7 14µm(c) 2.7 2.8 AS 40590:3A/28/12/20/28/000F 23µm(c) 0.0 0.0 AS 40590:3A/28/12/20/28/000F 25µm(c): 0.7 7 AS 405950:3A/F 25µm(c): 0.7 7 AS 40590:3A/28/12/20/38/000F 70µm(c): 0.0 0.0		5100 (C)	
Askerse: Askerse: Average: Askerse: 21µm(c): 2.8 0.8 Askerse: 21µm(c): 2.8 0.8 Askerse: 21µm(c): 2.8 0.8 Askerse: 21µm(c): 2.8 0.8 Askerse: 25µm(c) 2.9 1.5 GJB42006-38-E 38µm(c) 0.5 0.5 Askerse: 70µm(c) 0.9 0.0 Askerse: 70µm(c) 0.9 0.0 Askerse: 70µm(c) 0.9 0.0 Yohne: 10.9ml 10µm(c) 16.8 10.3 ISO:12/10/7 14µm(c): 5.7 3.0 Askep500:33/20/1C/20/26/000F 21µm(c): 2.7 2.8 Askep500:33/21/1C/20/26/000F 21µm(c): 0.7 0.0 Askep500:33/26/1C/20/26/000F 25µm(c): 0.0 0.0 Askep59:3A/26/1C/20/36/000F 70µm(c): 0.0 0.0		Tobulci. 12	
Abs@1396:13A-F 21µm(c) 2.0 1.5 Average 6.3B4206-38/28/12/10/3E/000F 2.0 1.5 0.5 0.5 0.0 <t< td=""><td></td><td>14Lm(c):</td><td></td></t<>		14Lm(c):	
NS4058E134/20/1/10/3E/000F 25µm(c) 2.9 1.3 Size Counts cum 0117 G_3D84206-38.28/E 38µm(c) 0.5 0.5 4µm(c) 308.7 25.8 G_3D84206-38.28/12/10/3E/000F 70µm(c) 0.6 0.0 6µm(c) 308.7 26.7 G_3D84206-38.28/12/10/3E/000F 70µm(c) 0.6 0.0 6µm(c) 308.7 26.7 Volume 10.0ml 18µm(c) 16.8 10.3 150:112/10/7 14µm(c) 5.7 3.0 AS405501:3A-F 21µm(c) 2.7 2.8 2.8 150:132/10/7 14µm(c) 2.7 2.8 AS405500:3A-F 21µm(c) 0.7 0.7 0.7 0.7 AS40590:3A/20/1C/20/3E/000F 30µm(c) 0.0 0.0 0.0	454059E:3A-F	23108(21) 4.9	
G_3/B4206 - 36 - E 38µm(c) 0.5 0.5 4µm(c) 2000; 223,0 0.184208 - 3k/28/1C/10/3E/900F 70 µm(c) 0.9 0.0 6µm(c) 85.7 59.7 Volume 10.0ml 18µm(c) 16.8 10.3 150:12/10/7 14µm(c) 5.7 3.0 A540590:3A/28/1C/20/26/000F 23µm(c) 2.7 2.8 A540590:3A/28/1C/20/36/000F 25µm(c) 0.7 6.7 A540590:3A/28/1C/20/36/000F 70µm(c) 0.0 0.0	A54059E 34/20/10/3E/080F	25um(c) 2.0 1.2	Size Counts cum 1 diff.
5154208-3K/28/1C/10/3E/000F 70µm(c) 0.0 6µm(c) 85.7 50.7 Volume 10µm(c) 16.8 10.3 ISO:12/10/7 14µm(c) 5.7 3.0 AS:40590:3A/F 21µm(c) 2.7 2.8 K:40590:3A/F 25µm(c) 0.7 8.7 AS:40590:3A/20/1C/20/3E/000F 25µm(c) 0.7 8.7 AS:4059E:3A/F 38µm(c) 0.0 0.0 AS:4059E:3A/F 38µm(c) 0.0 0.0	GJB4208-38-E	38um(c) 0.5	4µm(c): 308.7 . 223.0
Volume 10.0ml 10µm(c) 16.8 10.3 ISO:12/10/7 14µm(c) 5.7 3.0 AS:4059D:3A:F 21µm(c) 2.7 2.0 AS:4059D:3A:P 23µm(c) 0.7 0.7 AS:4059D:3A:P 23µm(c) 0.0 0.0 AS:4059E:3A:F 30µm(c) 0.0 0.0 AS:4059E:3A/38/1C/2D/3£/000F 70µm(c) 0.0 0.0		70um(c): 0.9 : 0.9	6µm(c): 85.7 : 69.7
ISO:12/10/7 I4µm(c): 5.7 / 1 3.0 AS4059D:3A-F 21µm(c): 2.7 / 2.8 AS4059D:3A/20/1C/20/3E/000F 25µm(c): 0.7 AS4059E:3A-F 38µm(c): 0.0 AS4059E:3A/28/1C/20/3E/000F 70µm(c): 0.8		valume : 10.0ml	
AS 40590 :3A · F 21µm(c) 2 · Z X · 0 K540590 3A / 20 / 1C / 20 / 3E / 000F 25µm(c) 0.7 0.7 AS 4059E 3A · F 38µm(c) 0.0 0.0 AS 4059E 3A / 20 / 1C / 20 / 3E / 000F 70µm(c) 0.0 0.0		150:12/10/7	14un(c): 5.7: 3.0
AS48590: 3A/20/1C/20/36/600F 25pm(c): 0.7 0.7 AS4059E: 3A-F 38pm(c): 0.0 0.0 AS4859E: 3A/38/1C/20/36/000F 76pm(c): 0.0 0.0		45.4059D : 3A - F	
AS-4059E 13A-F 38µm(C1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		1445500 34/20/10/20/26/26/600F	25(m(c)): 0.7 : 0.7
8548595 3A/28/1C/20/36/000F 70jum(c); 0.0 0.0		AC ADEDE : 3A-E	
4548598: 3A72874L/2013274000		AS40392134-1 00 /35 /0085	
CIRATIN SEE		A548398: 3A728/11/20/32/0001	
		G384208-38-E	
		G384208-34/29/1C/20/3E/099F	
AS4059012A-F	Contraction of the second second second		A54039012A-F
k546540-2k/28/1C/29/6006/9806			AS40590:2A/28/15/29/9804E/9809F

DELTA TECHNOLOGY filter systems Ltd.

Purity classes according to ISO 4406

Number of particles in 100 ml oil
More than | up to and includingAtomic number Average value
ISO 4406Respective
improvement in %

Anzahl Partik	el in 100 ml Öl	Ordnungszahl	Mittelwert	Jeweilige
Mehr als	bis einschließlich	ISO 4406		Verbesserung in %
250.000.000	201210	> 28	has interesting the second	
130.000.000	250.000.000	28	190.000.000	
64.000.000	130.000.000	27	97.000.000	48,9%
32.000.000	64.000.000	26	48.000.000	50,5%
16.000.000	32.000.000	25	24.000.000	50,0%
8.000.000	16.000.000	24	12.000.000	50,0%
4.000.000	8.000.000	23	6.000.000	50,0%
2.000.000	4.000.000	22	3.000.000	50,0%
1.000.000	2.000.000	21	1.500.000	50,0%
500.000	1.000.000	20	750.000	50,0%
250.000	500.000	19	375.000	50,0%
130.000	250.000	18	190.000	49,3%
64.000	130.000	17	97.000	48,9%
32.000	64.000	16	48.000	50,5%
16.000	32.000	15	24.000	50,0%
8.000	16.000	14	12.000	50,0%
4.000	8.000	13	6.000	50,0%
2.000	4.000	12	3.000	50,0%
1.000	2.000	11	1.500	50,0%
500	1.000	10	750	50,0%
250	500	9	375	50,0%
130	250	8	190	49,3%
64	130	7	97	48,9%
32	64	6	48	50,5%
16	32	5	24	50,0%
8	16	4	12	50,0%
4	8	3	6	50,0%
2	4	2	3	50,0%
1	2	1	2	50,0%
0	1	0	1	66,7%