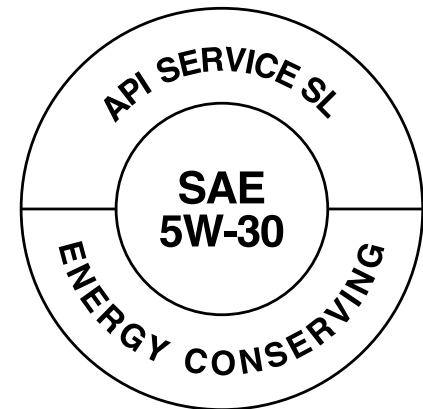


API Engine Oil Licensing and Certification System

November 11, 2002



Engine Oil Program Participation

2001

561 licenses in 49 countries

3	Africa
117	Asia
35	Central America
72	Europe
11	Middle East
302	North America
21	South America

Represents 6,500 products

2002 (as of 11/1/02)

533 licenses in 52 countries

5	Africa
121	Asia
32	Central America
62	Europe
15	Middle East
274	North America
24	South America

Represents 6,500 products

SL-Licensed Products as of 11/1/02

	<u>SL-Licensed</u>	<u>GF-3</u>
5W-20	72	71
5W-30	347	326
10W-30	412	351
10W-40	284	2
15W-40	151	0
20W-50	189	0
30	142	0
40	112	0
50	43	0
Others	<u>189</u>	<u>14</u>
Total	1941	764

SL-Licensed Products by Region as of 11/1/02

	<u>SL-Licensed</u>	<u>GF-3</u>
● Africa	2	0
● Asia	405	209
● Central America	180	10
● Europe	32	5
● Middle East	9	0
● North America	1291	539
● South America	22	1

SJ-Licensed Products as of 11/1/02

	<u>2001</u>	<u>2002</u>	<u>2002 vs. 2001</u>
5W-20	20	13	-7
5W-30	469	336	-133
10W-30	603	439	-164
10W-40	543	426	-117
15W-40	271	656	+385
20W-50	373	344	-29
30	243	350	+107
40	170	290	+120
50	54	121	+67
Others	<u>453</u>	<u>488</u>	+35
Total	3199	3463	

SJ-Licensed Products by Region as of 11/1/02

● Africa	13
● Asia	458
● Central America	220
● Europe	427
● Middle East	63
● North America	2206
● South America	76

SJ-Licensed Products by Service Category as of 11/1/02

	<u>US and Canada</u>	<u>International</u>
SJ only	1141	499
SJ/C* oils	231	542
C*/SJ oils	<u>834</u>	<u>216</u>
Total	2206	1257

*CF, CF-2, CF-4, CG-4, CH-4, and/or CI-4

Unlicensed Products as of 11/1/02

- 26 unlicensed products displaying API marks discovered in market
 - 12 passenger car oils
 - 14 heavy duty oils
 - 14 SL or C category plus SL
 - 23 from US and Canada
- Cease & desist letters sent to manufacturers

2002 AMAP Product Profile as of 11/1/02

Products collected	488
Bottles/bulk	76%/24%
PCMO/HDMO	75%/25%
US & Canada/all others	92%/8%
Viscosity grade profile	
5W-20	5%
5W-30	21%
10W-30	32%
10W-40	12%
15W-40	19%
All Other	11%

2002 Bulk Oil Product Profile to Date

- Products collected 116
 - PCEO 76%
 - HDEO 24%
- Viscosity grade profile
 - 5W-20 7%
 - 5W-30 25%
 - 10W-30 42%
 - 10W-40 5%
 - 15W-40 18%
 - others 3%

2002 Sampling to Date

- 488 products purchased
- 478 audited for administrative compliance
- 478 products P&C tested

Sampling Goals for Remainder of 2002

- Secure enough samples to reach target of 600
- Collect more samples in containers from Europe, South America and Mexico
- Continue to emphasize heavy duty

2003 AMAP

- RFP for AMAP distributed to five test labs
- P&C testing of 600 products
 - 420 PCEO
 - 180 HDEO
 - Bulk sampling to be included (up to 30% of samples)
- Engine testing
 - IIF and VG testing planned
 - Awaiting bids from test labs to determine number