

### Changes to Argus Base Oils effective 8 June 2018

Argus is changing the descriptions of the following codes to the below in the Argus Base Oils data module effective 8 June 2018. The following PA code details will appear in the DABOL module in the DBASEOILS folder on ftp.argusmedia.com.

PA Code	Old Description	New Description
PA0015540	Base oil Group 2+ 110/130 Safety-Kleen US midcontinent and Canada \$/t	Base oil Group II+ 110/130 Safety-Kleen US midcontinent and Canada USD/t
PA0015541	Base oil Group 2+ N240 Safety-Kleen US midcontinent and Canada \$/t	Base oil Group II+ N240 Safety-Kleen US midcontinent and Canada USD/t
PA0015538	Base oil Group 2+ 110/130 Safety-Kleen US midcontinent and Canada \$/USG	Base oil Group II+ 110/130 Safety-Kleen US midcontinent and Canada USD/USG
PA0015539	Base oil Group 2+ N240 Safety-Kleen US midcontinent and Canada \$/USG	Base oil Group II+ N240 Safety-Kleen US midcontinent and Canada USD/USG
PA0021577	Base oil Group 3 4cst ex-tank E China	Base oil Group III 4cst ex-tank E China
PA0021583	Base oil Group 3 4cst ex-tank E China yuan/t	Base oil Group III 4cst ex-tank E China yuan/t
PA0021584	Base oil Group 3 6cst ex-tank E China yuan/t	Base oil Group III 6cst ex-tank E China yuan/t
PA0021585	Base oil Group 2 N150 ex-tank E China yuan/t	Base oil Group II N150 ex-tank E China yuan/t
PA0021586	Base oil Group 2 N500 ex-tank E China yuan/t	Base oil Group II N500 ex-tank E China yuan/t
PA0021587	Base oil Group 3 8cst ex-tank E China yuan/t	Base oil Group III 8cst ex-tank E China yuan/t
PA0012078	Base oil Group 2 N70 IOC prices India Chennai domestic Rs/l	Base oil Group II N70 IOC prices India Chennai domestic Rs/l
PA0012079	Base oil Group 2 N150 IOC prices India Chennai domestic Rs/l	Base oil Group II N150 IOC prices India Chennai domestic Rs/l
PA0007695	Base oil Group 1 SN 150 fob NWE month	Base oil Group I SN 150 fob NWE month
PA0007696	Base oil Group 1 SN 150 fob NWE quarter	Base oil Group I SN 150 fob NWE quarter
PA0007697	Base oil Group 1 SN 150 fob NWE premium to gasoil month	Base oil Group I SN 150 fob NWE premium to gasoil month
PA0007698	Base oil Group 1 SN 150 fob NWE premium to gasoil quarter	Base oil Group I SN 150 fob NWE premium to gasoil quarter
PA0007874	Base oil Group 3 4cst fca NWE Euro/t	Base oil Group III 4cst fca NWE Euro/t
PA0007875	Base oil Group 3 6cst fca NWE Euro/t	Base oil Group III 6cst fca NWE Euro/t
PA0007876	Base oil Group 3 8cst fca NWE Euro/t	Base oil Group III 8cst fca NWE Euro/t
PA0007877	Base oil Group 3 4cst fca NWE \$/t	Base oil Group III 4cst fca NWE USD/t
PA0007878	Base oil Group 3 6cst fca NWE \$/t	Base oil Group III 6cst fca NWE USD/t
PA0007879	Base oil Group 3 8cst fca NWE \$/t	Base oil Group III 8cst fca NWE USD/t
PA0007756	Base oil Group 1 SN 150 (LVI) cfr India	Base oil Group I SN 150 (LVI) cfr India
PA0007757	Base oil Group 1 SN 500 (LVI) cfr India	Base oil Group I SN 500 (LVI) cfr India
PA0007758	Base oil Group 1 SN 150 (LVI) cfr UAE	Base oil Group I SN 150 (LVI) cfr UAE
PA0007759	Base oil Group 1 SN 500 (LVI) cfr UAE	Base oil Group I SN 500 (LVI) cfr UAE
PA0007687	Base oil Group 2 150 US Calumet Shreveport \$/USG	Base oil Group II 150 US Calumet Shreveport USD/USG
PA0007688	Base oil Group 2 325 US Calumet Shreveport \$/USG	Base oil Group II 325 US Calumet Shreveport USD/USG
PA0007689	Base oil Group 2 80 US Calumet Shreveport \$/t	Base oil Group II 80 US Calumet Shreveport USD/t
PA0007690	Base oil Group 2 100 US Calumet Shreveport \$/t	Base oil Group II 100 US Calumet Shreveport USD/t
PA0007691	Base oil Group 2 150 US Calumet Shreveport \$/t	Base oil Group II 150 US Calumet Shreveport USD/t
PA0007692	Base oil Group 2 325 US Calumet Shreveport \$/t	Base oil Group II 325 US Calumet Shreveport USD/t
PA0007685	Base oil Group 2 80 US Calumet Shreveport \$/USG	Base oil Group II 80 US Calumet Shreveport USD/USG
PA0007686	Base oil Group 2 100 US Calumet Shreveport \$/USG	Base oil Group II 100 US Calumet Shreveport USD/USG

PA0007453	Base oil Group 1 SN 150 ex-tank Singapore	Base oil Group I SN 150 ex-tank Singapore
PA0007454	Base oil Group 1 SN 500 ex-tank Singapore	Base oil Group I SN 500 ex-tank Singapore
PA0007455	Base oil Group 1 Bright stock ex-tank Singapore	Base oil Group I Bright stock ex-tank Singapore
PA0007456	Base oil Group 1 SN 150 fob Asia	Base oil Group I SN 150 fob Asia
PA0007457	Base oil Group 1 SN 500 fob Asia	Base oil Group I SN 500 fob Asia
PA0007458	Base oil Group 1 Bright stock fob Asia	Base oil Group I Bright stock fob Asia
PA0007459	Base oil Group 2 N150 ex-tank Singapore	Base oil Group II N150 ex-tank Singapore
PA0007460	Base oil Group 2 N500 ex-tank Singapore	Base oil Group II N500 ex-tank Singapore
PA0007461	Base oil Group 2 N150 fob Asia	Base oil Group II N150 fob Asia
PA0007462	Base oil Group 2 N500 fob Asia	Base oil Group II N500 fob Asia
PA0007463	Base oil Group 1 SN 500 Asia-Pacific month	Base oil Group I SN 500 Asia-Pacific month
PA0007464	Base oil Group 1 SN 500 Asia-Pacific quarter	Base oil Group I SN 500 Asia-Pacific quarter
PA0007465	Base oil Group 1 SN 500 Asia-Pacific forward premium to gasoil month	Base oil Group I SN 500 Asia-Pacific forward premium to gasoil month
PA0007466	Base oil Group 1 SN 500 Asia-Pacific forward premium to gasoil quarter	Base oil Group I SN 500 Asia-Pacific forward premium to gasoil quarter
PA0007467	Base oil Group 1 SN 150 cfr Northeast Asia	Base oil Group I SN 150 cfr Northeast Asia
PA0007468	Base oil Group 1 SN 500 cfr Northeast Asia	Base oil Group I SN 500 cfr Northeast Asia
PA0007469	Base oil Group 1 Bright stock cfr Northeast Asia	Base oil Group I Bright stock cfr Northeast Asia
PA0007470	Base oil Group 2 N150 cfr Northeast Asia	Base oil Group II N150 cfr Northeast Asia
PA0007471	Base oil Group 2 N500 cfr Northeast Asia	Base oil Group II N500 cfr Northeast Asia
PA0007472	Base oil Group 1 SN 150 China NE Fushun domestic yuan/t	Base oil Group I SN 150 China NE Fushun domestic yuan/t
PA0007473	Base oil Group 1 SN 150 China NE Daqing domestic yuan/t	Base oil Group I SN 150 China NE Daqing domestic yuan/t
PA0007474	Base oil Group 1 SN 150 China NE Dalian domestic yuan/t	Base oil Group I SN 150 China NE Dalian domestic yuan/t
PA0007475	Base oil Group 1 SN 150 China N Yanshan domestic yuan/t	Base oil Group I SN 150 China N Yanshan domestic yuan/t
PA0007476	Base oil Group 1 SN 150 China S Maoming domestic yuan/t	Base oil Group I SN 150 China S Maoming domestic yuan/t
PA0007477	Base oil Group 1 SN 400 China NE Dalian domestic yuan/t	Base oil Group I SN 400 China NE Dalian domestic yuan/t
PA0007478	Base oil Group 1 SN 400 China S Maoming domestic yuan/t	Base oil Group I SN 400 China S Maoming domestic yuan/t
PA0007479	Base oil Group 2 N150 China E Qaoqiao domestic yuan/t	Base oil Group II N150 China E Qaoqiao domestic yuan/t
PA0007480	Base oil Group 1 SN 150 China NE Fushun domestic \$/t	Base oil Group I SN 150 China NE Fushun domestic USD/t
PA0007481	Base oil Group 1 SN 150 China NE Daqing domestic \$/t	Base oil Group I SN 150 China NE Daqing domestic USD/t
PA0007482	Base oil Group 1 SN 150 China NE Dalian domestic \$/t	Base oil Group I SN 150 China NE Dalian domestic USD/t
PA0007483	Base oil Group 1 SN 150 China N Yanshan domestic \$/t	Base oil Group I SN 150 China N Yanshan domestic USD/t
PA0007484	Base oil Group 1 SN 150 China S Maoming domestic \$/t	Base oil Group I SN 150 China S Maoming domestic USD/t
PA0007485	Base oil Group 1 SN 400 China NE Dalian domestic \$/t	Base oil Group I SN 400 China NE Dalian domestic USD/t
PA0007486	Base oil Group 1 SN 400 China S Maoming domestic \$/t	Base oil Group I SN 400 China S Maoming domestic USD/t
PA0007487	Base oil Group 2 N150 China E Qaoqiao domestic \$/t	Base oil Group II N150 China E Qaoqiao domestic USD/t
PA0007488	Base oil Group 1 SN 150 cfr Northeast Asia inc. taxes and duty yuan/t	Base oil Group I SN 150 cfr Northeast Asia inc. taxes and duty yuan/t
PA0007489	Base oil Group 1 SN 500 cfr Northeast Asia inc. taxes and duty yuan/t	Base oil Group I SN 500 cfr Northeast Asia inc. taxes and duty yuan/t
PA0007490	Base oil Group 1 Bright stock cfr Northeast Asia inc. taxes and duty yuan/t	Base oil Group I Bright stock cfr Northeast Asia inc. taxes and duty yuan/t
PA0007491	Base oil Group 2 N150 cfr Northeast Asia inc. taxes and duty yuan/t	Base oil Group II N150 cfr Northeast Asia inc. taxes and duty yuan/t
PA0007492	Base oil Group 2 N500 cfr Northeast Asia inc. taxes and duty yuan/t	Base oil Group II N500 cfr Northeast Asia inc. taxes and duty yuan/t

PA0007493	Base oil Group 1 SN 150 cfr Northeast Asia inc. taxes and duty \$/t	Base oil Group I SN 150 cfr Northeast Asia inc. taxes and duty USD/t
PA0007494	Base oil Group 1 SN 500 cfr Northeast Asia inc. taxes and duty \$/t	Base oil Group I SN 500 cfr Northeast Asia inc. taxes and duty USD/t
PA0007495	Base oil Group 1 Bright stock cfr Northeast Asia inc. taxes and duty \$/t	Base oil Group I Bright stock cfr Northeast Asia inc. taxes and duty USD/t
PA0007496	Base oil Group 2 N150 cfr Northeast Asia inc. taxes and duty \$/t	Base oil Group II N150 cfr Northeast Asia inc. taxes and duty USD/t
PA0007497	Base oil Group 2 N500 cfr Northeast Asia inc. taxes and duty \$/t	Base oil Group II N500 cfr Northeast Asia inc. taxes and duty USD/t
PA0007498	Base oil Group 1 SN 150 cfr India	Base oil Group I SN 150 cfr India
PA0007499	Base oil Group 1 SN 500 cfr India	Base oil Group I SN 500 cfr India
PA0007500	Base oil Group 1 Bright stock cfr India	Base oil Group I Bright stock cfr India
PA0007501	Base oil Group 2 N150 cfr India	Base oil Group II N150 cfr India
PA0007502	Base oil Group 2 N500 cfr India	Base oil Group II N500 cfr India
PA0007503	Base oil Group 1 SN 70 IOC prices India Chennai domestic Rs/l	Base oil Group I SN 70 IOC prices India Chennai domestic Rs/l
PA0007504	Base oil Group 1 SN 150 IOC prices India Chennai domestic Rs/l	Base oil Group I SN 150 IOC prices India Chennai domestic Rs/l
PA0007505	Base oil Group 1 SN 500 IOC prices India Chennai domestic Rs/l	Base oil Group I SN 500 IOC prices India Chennai domestic Rs/l
PA0007506	Base oil Group 1 Bright stock IOC prices India Chennai domestic Rs/l	Base oil Group I Bright stock IOC prices India Chennai domestic Rs/l
PA0007507	Base oil Group 1 SN 70 IOC prices India Mumbai domestic Rs/l	Base oil Group I SN 70 IOC prices India Mumbai domestic Rs/l
PA0007508	Base oil Group 1 SN 150 IOC prices India Mumbai domestic Rs/l	Base oil Group I SN 150 IOC prices India Mumbai domestic Rs/l
PA0007509	Base oil Group 1 SN 500 IOC prices India Mumbai domestic Rs/l	Base oil Group I SN 500 IOC prices India Mumbai domestic Rs/l
PA0007510	Base oil Group 1 Bright stock IOC prices India Mumbai domestic Rs/l	Base oil Group I Bright stock IOC prices India Mumbai domestic Rs/l
PA0007511	Base oil Group 1 SN 70 IOC prices India Chennai domestic \$/t	Base oil Group I SN 70 IOC prices India Chennai domestic USD/t
PA0007512	Base oil Group 1 SN 150 IOC prices India Chennai domestic \$/t	Base oil Group I SN 150 IOC prices India Chennai domestic USD/t
PA0007513	Base oil Group 1 SN 500 IOC prices India Chennai domestic \$/t	Base oil Group I SN 500 IOC prices India Chennai domestic USD/t
PA0007514	Base oil Group 1 Bright stock IOC prices India Chennai domestic \$/t	Base oil Group I Bright stock IOC prices India Chennai domestic USD/t
PA0007515	Base oil Group 1 SN 70 IOC prices India Mumbai domestic \$/t	Base oil Group I SN 70 IOC prices India Mumbai domestic USD/t
PA0007516	Base oil Group 1 SN 150 IOC prices India Mumbai domestic \$/t	Base oil Group I SN 150 IOC prices India Mumbai domestic USD/t
PA0007517	Base oil Group 1 SN 500 IOC prices India Mumbai domestic \$/t	Base oil Group I SN 500 IOC prices India Mumbai domestic USD/t
PA0007518	Base oil Group 1 Bright stock IOC prices India Mumbai domestic \$/t	Base oil Group I Bright stock IOC prices India Mumbai domestic USD/t
PA0007519	Base oil Group 1 SN 150 cfr UAE	Base oil Group I SN 150 cfr UAE
PA0007520	Base oil Group 1 SN 500 cfr UAE	Base oil Group I SN 500 cfr UAE
PA0007521	Base oil Group 1 SN 150 fob domestic NWE	Base oil Group I SN 150 fob domestic NWE
PA0007522	Base oil Group 1 SN 500 fob domestic NWE	Base oil Group I SN 500 fob domestic NWE
PA0007523	Base oil Group 1 Bright stock fob domestic NWE	Base oil Group I Bright stock fob domestic NWE
PA0007524	Base oil Group 1 SN 150 fob European export	Base oil Group I SN 150 fob European export
PA0007525	Base oil Group 1 SN 500 fob European export	Base oil Group I SN 500 fob European export
PA0007526	Base oil Group 1 Bright stock fob European export	Base oil Group I Bright stock fob European export
PA0007527	Base oil Group 1 SN 500 fob NWE month	Base oil Group I SN 500 fob NWE month
PA0007528	Base oil Group 1 SN 500 fob NWE quarter	Base oil Group I SN 500 fob NWE quarter
PA0007529	Base oil Group 1 SN 500 fob NWE premium to gasoil month	Base oil Group I SN 500 fob NWE premium to gasoil month
PA0007530	Base oil Group 1 SN 500 fob NWE premium to gasoil quarter	Base oil Group I SN 500 fob NWE premium to gasoil quarter
PA0007531	Base oil Group 1 SN 150 fob Baltic Sea	Base oil Group I SN 150 fob Baltic Sea
PA0007532	Base oil Group 1 SN 500 fob Baltic Sea	Base oil Group I SN 500 fob Baltic Sea

PA0007533	Base oil Group 1 SN 150 fob Black Sea	Base oil Group I SN 150 fob Black Sea
PA0007534	Base oil Group 1 SN 500 fob Black Sea	Base oil Group I SN 500 fob Black Sea
PA0007535	Base oil Group 1 SN 150 fob United States \$/t	Base oil Group I SN 150 fob United States USD/t
PA0007536	Base oil Group 1 SN 500 fob United States \$/t	Base oil Group I SN 500 fob United States USD/t
PA0007537	Base oil Group 1 Bright stock fob United States \$/t	Base oil Group I Bright stock fob United States USD/t
PA0007538	Base oil Group 1 SN 150 fob United States \$/USG	Base oil Group I SN 150 fob United States USD/USG
PA0007539	Base oil Group 1 SN 500 fob United States \$/USG	Base oil Group I SN 500 fob United States USD/USG
PA0007540	Base oil Group 1 Bright stock fob United States \$/USG	Base oil Group I Bright stock fob United States USD/USG
PA0007541	Base oil Group 2 N100 fob United States \$/t	Base oil Group II N100 fob United States USD/t
PA0007542	Base oil Group 2 N200 fob United States \$/t	Base oil Group II N200 fob United States USD/t
PA0007543	Base oil Group 2 N220 fob United States \$/t	Base oil Group II N220 fob United States USD/t
PA0007544	Base oil Group 2 N600 fob United States \$/t	Base oil Group II N600 fob United States USD/t
PA0007545	Base oil Group 2 N100 fob United States \$/USG	Base oil Group II N100 fob United States USD/USG
PA0007546	Base oil Group 2 N200 fob United States \$/USG	Base oil Group II N200 fob United States USD/USG
PA0007547	Base oil Group 2 N220 fob United States \$/USG	Base oil Group II N220 fob United States USD/USG
PA0007548	Base oil Group 2 N600 fob United States \$/USG	Base oil Group II N600 fob United States USD/USG
PA0007549	Base oil Group 1 SN 150 US domestic \$/t	Base oil Group I SN 150 US domestic USD/t
PA0007550	Base oil Group 1 SN 500 US domestic \$/t	Base oil Group I SN 500 US domestic USD/t
PA0007551	Base oil Group 1 Bright stock US domestic \$/t	Base oil Group I Bright stock US domestic USD/t
PA0007552	Base oil Group 1 SN 150 US domestic \$/USG	Base oil Group I SN 150 US domestic USD/USG
PA0007553	Base oil Group 1 SN 500 US domestic \$/USG	Base oil Group I SN 500 US domestic USD/USG
PA0007554	Base oil Group 1 Bright stock US domestic \$/USG	Base oil Group I Bright stock US domestic USD/USG
PA0007555	Base oil Group 1 SN 500 fob United States \$/t month	Base oil Group I SN 500 fob United States USD/t month
PA0007556	Base oil Group 1 SN 500 fob United States \$/t quarter	Base oil Group I SN 500 fob United States USD/t quarter
PA0007557	Base oil Group 1 SN 500 fob United States \$/USG month	Base oil Group I SN 500 fob United States USD/USG month
PA0007558	Base oil Group 1 SN 500 fob United States \$/USG quarter	Base oil Group I SN 500 fob United States USD/USG quarter
PA0007559	Base oil Group 1 SN 500 fob United States premium to heating oil \$/t month	Base oil Group I SN 500 fob United States premium to heating oil USD/t month
PA0007560	Base oil Group 1 SN 500 fob United States premium to heating oil \$/t quarter	Base oil Group I SN 500 fob United States premium to heating oil USD/t quarter
PA0007561	Base oil Group 1 SN 500 fob United States premium to heating oil \$/USG month	Base oil Group I SN 500 fob United States premium to heating oil USD/USG month
PA0007562	Base oil Group 1 SN 500 fob United States premium to heating oil \$/USG quarter	Base oil Group I SN 500 fob United States premium to heating oil USD/USG quarter
PA0007563	Base oil Group 1 100 US Exxon Mobil Gulf coast \$/USG	Base oil Group I 100 US Exxon Mobil Gulf coast USD/USG
PA0007564	Base oil Group 1 150 US Exxon Mobil Gulf coast \$/USG	Base oil Group I 150 US Exxon Mobil Gulf coast USD/USG
PA0007565	Base oil Group 1 300/350 US Exxon Mobil Gulf coast \$/USG	Base oil Group I 300/350 US Exxon Mobil Gulf coast USD/USG
PA0007566	Base oil Group 1 600/650 US Exxon Mobil Gulf coast \$/USG	Base oil Group I 600/650 US Exxon Mobil Gulf coast USD/USG
PA0007567	Base oil Group 1 700 US Exxon Mobil Gulf coast \$/USG	Base oil Group I 700 US Exxon Mobil Gulf coast USD/USG
PA0007568	Base oil Group 1 Bright stock US Exxon Mobil Gulf coast \$/USG	Base oil Group I Bright stock US Exxon Mobil Gulf coast USD/USG
PA0007569	Base oil Group 1 70/75 US Holly \$/USG	Base oil Group I 70/75 US Holly USD/USG
PA0007570	Base oil Group 1 100 US Holly \$/USG	Base oil Group I 100 US Holly USD/USG
PA0007571	Base oil Group 1 150 US Holly \$/USG	Base oil Group I 150 US Holly USD/USG
PA0007572	Base oil Group 1 250 US Holly \$/USG	Base oil Group I 250 US Holly USD/USG

PA0007573	Base oil Group 1 500 US Holly \$/USG	Base oil Group I 500 US Holly USD/USG
PA0007575	Base oil Group 1 100 US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I 100 US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007576	Base oil Group 1 150 US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I 150 US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007577	Base oil Group 1 500 US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I 500 US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007578	Base oil Group 1 600/650 US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I 600/650 US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007580	Base oil Group 1 Bright stock US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I Bright stock US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007581	Base oil Group 1 700 US Calumet Shreveport \$/USG	Base oil Group I 700 US Calumet Shreveport USD/USG
PA0007582	Base oil Group 1 Bright stock US Calumet Shreveport \$/USG	Base oil Group I Bright stock US Calumet Shreveport USD/USG
PA0007583	Base oil Group 1 100 US Exxon Mobil Gulf coast \$/t	Base oil Group I 100 US Exxon Mobil Gulf coast USD/t
PA0007584	Base oil Group 1 150 US Exxon Mobil Gulf coast \$/t	Base oil Group I 150 US Exxon Mobil Gulf coast USD/t
PA0007585	Base oil Group 1 300/350 US Exxon Mobil Gulf coast \$/t	Base oil Group I 300/350 US Exxon Mobil Gulf coast USD/t
PA0007586	Base oil Group 1 600/650 US Exxon Mobil Gulf coast \$/t	Base oil Group I 600/650 US Exxon Mobil Gulf coast USD/t
PA0007587	Base oil Group 1 700 US Exxon Mobil Gulf coast \$/t	Base oil Group I 700 US Exxon Mobil Gulf coast USD/t
PA0007588	Base oil Group 1 Bright stock US Exxon Mobil Gulf coast \$/t	Base oil Group I Bright stock US Exxon Mobil Gulf coast USD/t
PA0007589	Base oil Group 1 70/75 US Holly \$/t	Base oil Group I 70/75 US Holly USD/t
PA0007590	Base oil Group 1 100 US Holly \$/t	Base oil Group I 100 US Holly USD/t
PA0007591	Base oil Group 1 150 US Holly \$/t	Base oil Group I 150 US Holly USD/t
PA0007592	Base oil Group 1 250 US Holly \$/t	Base oil Group I 250 US Holly USD/t
PA0007593	Base oil Group 1 500 US Holly \$/t	Base oil Group I 500 US Holly USD/t
PA0007594	Base oil Group 1 Bright stock US Holly \$/t	Base oil Group I Bright stock US Holly USD/t
PA0007596	Base oil Group 1 150 US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I 150 US Paulsboro Refining (formerly Valero) east coast USD/t
PA0007599	Base oil Group 1 700 US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I 700 US Paulsboro Refining (formerly Valero) east coast USD/t
PA0007601	Base oil Group 1 700 US Calumet Shreveport \$/t	Base oil Group I 700 US Calumet Shreveport USD/t
PA0007602	Base oil Group 1 Bright stock US Calumet Shreveport \$/t	Base oil Group I Bright stock US Calumet Shreveport USD/t
PA0007603	Base oil Group 2 70 US Phillips 66 Gulf coast \$/USG	Base oil Group II 70 US Phillips 66 Gulf coast USD/USG
PA0007604	Base oil Group 2 75/80 US Phillips 66 Gulf coast \$/USG	Base oil Group II 75/80 US Phillips 66 Gulf coast USD/USG
PA0007605	Base oil Group 2 100/120 US Phillips 66 Gulf coast \$/USG	Base oil Group II 100/120 US Phillips 66 Gulf coast USD/USG
PA0007606	Base oil Group 2 200/220 US Phillips 66 Gulf coast \$/USG	Base oil Group II 200/220 US Phillips 66 Gulf coast USD/USG
PA0007607	Base oil Group 2 600 US Phillips 66 Gulf coast \$/USG	Base oil Group II 600 US Phillips 66 Gulf coast USD/USG
PA0007608	Base oil Group 2 100/120 US Chevron west coast \$/USG	Base oil Group II 100/120 US Chevron west coast USD/USG
PA0007609	Base oil Group 2 200/220 US Chevron west coast \$/USG	Base oil Group II 200/220 US Chevron west coast USD/USG
PA0007610	Base oil Group 2 600 US Chevron west coast \$/USG	Base oil Group II 600 US Chevron west coast USD/USG
PA0007611	Base oil Group 2 70 US Motiva Gulf coast \$/USG	Base oil Group II 70 US Motiva Gulf coast USD/USG
PA0007612	Base oil Group 2 100/120 US Motiva Gulf coast \$/USG	Base oil Group II 100/120 US Motiva Gulf coast USD/USG
PA0007613	Base oil Group 2 200/220 US Motiva Gulf coast \$/USG	Base oil Group II 200/220 US Motiva Gulf coast USD/USG
PA0007614	Base oil Group 2 600 US Motiva Gulf coast \$/USG	Base oil Group II 600 US Motiva Gulf coast USD/USG
PA0007615	Base oil Group 2 70 US FHR Gulf coast \$/USG	Base oil Group II 70 US FHR Gulf coast USD/USG
PA0007616	Base oil Group 2 75/80 US FHR Gulf coast \$/USG	Base oil Group II 75/80 US FHR Gulf coast USD/USG
PA0007617	Base oil Group 2 100/120 US FHR Gulf coast \$/USG	Base oil Group II 100/120 US FHR Gulf coast USD/USG
PA0007618	Base oil Group 2 200/220 US FHR Gulf coast \$/USG	Base oil Group II 200/220 US FHR Gulf coast USD/USG



PA0007619	Base oil Group 2 600 US FHR Gulf coast \$/USG	Base oil Group II 600 US FHR Gulf coast USD/USG
PA0007620	Base oil Group 2 70 US Phillips 66 Gulf coast \$/t	Base oil Group II 70 US Phillips 66 Gulf coast USD/t
PA0007621	Base oil Group 2 75/80 US Phillips 66 Gulf coast \$/t	Base oil Group II 75/80 US Phillips 66 Gulf coast USD/t
PA0007622	Base oil Group 2 100/120 US Phillips 66 Gulf coast \$/t	Base oil Group II 100/120 US Phillips 66 Gulf coast USD/t
PA0007623	Base oil Group 2 200/220 US Phillips 66 Gulf coast \$/t	Base oil Group II 200/220 US Phillips 66 Gulf coast USD/t
PA0007624	Base oil Group 2 600 US Phillips 66 Gulf coast \$/t	Base oil Group II 600 US Phillips 66 Gulf coast USD/t
PA0007625	Base oil Group 2 100/120 US Chevron west coast \$/t	Base oil Group II 100/120 US Chevron west coast USD/t
PA0007626	Base oil Group 2 200/220 US Chevron west coast \$/t	Base oil Group II 200/220 US Chevron west coast USD/t
PA0007627	Base oil Group 2 600 US Chevron west coast \$/t	Base oil Group II 600 US Chevron west coast USD/t
PA0007628	Base oil Group 2 70 US Motiva Gulf coast \$/t	Base oil Group II 70 US Motiva Gulf coast USD/t
PA0007629	Base oil Group 2 100/120 US Motiva Gulf coast \$/t	Base oil Group II 100/120 US Motiva Gulf coast USD/t
PA0007630	Base oil Group 2 200/220 US Motiva Gulf coast \$/t	Base oil Group II 200/220 US Motiva Gulf coast USD/t
PA0007631	Base oil Group 2 600 US Motiva Gulf coast \$/t	Base oil Group II 600 US Motiva Gulf coast USD/t
PA0007632	Base oil Group 2 70 US FHR Gulf coast \$/t	Base oil Group II 70 US FHR Gulf coast USD/t
PA0007633	Base oil Group 2 75/80 US FHR Gulf coast \$/t	Base oil Group II 75/80 US FHR Gulf coast USD/t
PA0007634	Base oil Group 2 100/120 US FHR Gulf coast \$/t	Base oil Group II 100/120 US FHR Gulf coast USD/t
PA0007635	Base oil Group 2 200/220 US FHR Gulf coast \$/t	Base oil Group II 200/220 US FHR Gulf coast USD/t
PA0007636	Base oil Group 2 600 US FHR Gulf coast \$/t	Base oil Group II 600 US FHR Gulf coast USD/t
PA0007637	Base oil Group 2+ 110/130 US ExxonMobil Gulf coast \$/USG	Base oil Group II+ 110/130 US ExxonMobil Gulf coast USD/USG
PA0007638	Base oil Group 2 200/220 US ExxonMobil Gulf coast \$/USG	Base oil Group II 200/220 US ExxonMobil Gulf coast USD/USG
PA0007639	Base oil Group 2+ 110/130 US Motiva Gulf coast \$/USG	Base oil Group II+ 110/130 US Motiva Gulf coast USD/USG
PA0007640	Base oil Group 2+ 70/80 US SK E&P Gulf coast \$/USG	Base oil Group II+ 70/80 US SK E&P Gulf coast USD/USG
PA0007641	Base oil Group 2+ 50/60 US Phillips 66 Gulf coast \$/USG	Base oil Group II+ 50/60 US Phillips 66 Gulf coast USD/USG
PA0007642	Base oil Group 2+ 70/80 US Phillips 66 Gulf coast \$/USG	Base oil Group II+ 70/80 US Phillips 66 Gulf coast USD/USG
PA0007643	Base oil Group 2+ 110/130 US ExxonMobil Gulf coast \$/t	Base oil Group II+ 110/130 US ExxonMobil Gulf coast USD/t
PA0007644	Base oil Group 2 200/220 US ExxonMobil Gulf coast \$/t	Base oil Group II 200/220 US ExxonMobil Gulf coast USD/t
PA0007645	Base oil Group 2+ 110/130 US Motiva Gulf coast \$/t	Base oil Group II+ 110/130 US Motiva Gulf coast USD/t
PA0007646	Base oil Group 2+ 70/80 US SK E&P Gulf coast \$/t	Base oil Group II+ 70/80 US SK E&P Gulf coast USD/t
PA0007647	Base oil Group 2+ 50/60 US Phillips 66 Gulf coast \$/t	Base oil Group II+ 50/60 US Phillips 66 Gulf coast USD/t
PA0007648	Base oil Group 2+ 70/80 US Phillips 66 Gulf coast \$/t	Base oil Group II+ 70/80 US Phillips 66 Gulf coast USD/t
PA0007649	Base oil Group 3 4cst US SK E&P Gulf coast \$/USG	Base oil Group III 4cst US SK E&P Gulf coast USD/USG
PA0007650	Base oil Group 3 6cst US SK E&P Gulf coast \$/USG	Base oil Group III 6cst US SK E&P Gulf coast USD/USG
PA0007651	Base oil Group 3 8cst US SK E&P Gulf coast \$/USG	Base oil Group III 8cst US SK E&P Gulf coast USD/USG
PA0007652	Base oil Group 3 4cst US Phillips 66 Gulf coast \$/USG	Base oil Group III 4cst US Phillips 66 Gulf coast USD/USG
PA0007653	Base oil Group 3 8cst US Phillips 66 Gulf coast \$/USG	Base oil Group III 8cst US Phillips 66 Gulf coast USD/USG
PA0007654	Base oil Group 3 4cst US SK E&P Gulf coast \$/t	Base oil Group III 4cst US SK E&P Gulf coast USD/t
PA0007655	Base oil Group 3 6cst US SK E&P Gulf coast \$/t	Base oil Group III 6cst US SK E&P Gulf coast USD/t
PA0007656	Base oil Group 3 8cst US SK E&P Gulf coast \$/t	Base oil Group III 8cst US SK E&P Gulf coast USD/t
PA0007657	Base oil Group 3 4cst US Phillips 66 Gulf coast \$/t	Base oil Group III 4cst US Phillips 66 Gulf coast USD/t
PA0007658	Base oil Group 3 8cst US Phillips 66 Gulf coast \$/t	Base oil Group III 8cst US Phillips 66 Gulf coast USD/t

PA0007659	Base oil Group 3+ Yubase 4 Plus US SK E&P fob Houston \$/USG	Base oil Group III+ Yubase 4 Plus US SK E&P fob Houston USD/USG
PA0007660	Base oil Group 3+ Yubase 4 Plus US SK E&P fob Houston \$/t	Base oil Group III+ Yubase 4 Plus US SK E&P fob Houston USD/t
PA0007579	Base oil Group 1 700 US Paulsboro Refining (formerly Valero) east coast \$/USG	Base oil Group I 700 US Paulsboro Refining (formerly Valero) east coast USD/USG
PA0007595	Base oil Group 1 100 US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I 100 US Paulsboro Refining (formerly Valero) east coast USD/t
PA0007597	Base oil Group 1 500 US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I 500 US Paulsboro Refining (formerly Valero) east coast USD/t
PA0007600	Base oil Group 1 Bright stock US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I Bright stock US Paulsboro Refining (formerly Valero) east coast USD/t
PA0008715	Base oil Group 3 6cst US domestic \$/USG	Base oil Group III 6cst US domestic USD/USG
PA0008716	Base oil Group 3 8cst US domestic \$/t	Base oil Group III 8cst US domestic USD/t
PA0008717	Base oil Group 3 8cst US domestic \$/USG	Base oil Group III 8cst US domestic USD/USG
PA0008712	Base oil Group 3 4cst US domestic \$/t	Base oil Group III 4cst US domestic USD/t
PA0008713	Base oil Group 3 4cst US domestic \$/USG	Base oil Group III 4cst US domestic USD/USG
PA0008714	Base oil Group 3 6cst US domestic \$/t	Base oil Group III 6cst US domestic USD/t
PA0009051	Base oil Group 3 6cst cfr northeast Asia	Base oil Group III 6cst cfr northeast Asia
PA0009052	Base oil Group 3 8cst cfr northeast Asia	Base oil Group III 8cst cfr northeast Asia
PA0009050	Base oil Group 3 4cst cfr northeast Asia	Base oil Group III 4cst cfr northeast Asia
PA0009848	Base oil Group 1 SN 400 China NE Fushun domestic yuan/t	Base oil Group I SN 400 China NE Fushun domestic yuan/t
PA0009849	Base oil Group 1 SN 400 China NE Fushun domestic \$/t	Base oil Group I SN 400 China NE Fushun domestic USD/t
PA0008610	Base oil Group 2 N100 US domestic \$/t	Base oil Group II N100 US domestic USD/t
PA0008611	Base oil Group 2 N100 US domestic \$/USG	Base oil Group II N100 US domestic USD/USG
PA0008612	Base oil Group 2 N200 US domestic \$/t	Base oil Group II N200 US domestic USD/t
PA0008613	Base oil Group 2 N200 US domestic \$/USG	Base oil Group II N200 US domestic USD/USG
PA0008614	Base oil Group 2 N220 US domestic \$/t	Base oil Group II N220 US domestic USD/t
PA0008615	Base oil Group 2 N220 US domestic \$/USG	Base oil Group II N220 US domestic USD/USG
PA0008616	Base oil Group 2 N600 US domestic \$/t	Base oil Group II N600 US domestic USD/t
PA0008617	Base oil Group 2 N600 US domestic \$/USG	Base oil Group II N600 US domestic USD/USG
PA0009332	Base oil Group 3 6cst ex-tank UAE	Base oil Group III 6cst ex-tank UAE
PA0009333	Base oil Group 3 8cst ex-tank UAE	Base oil Group III 8cst ex-tank UAE
PA0009334	Base oil Group 2 N150 China Huizhou domestic yuan/t	Base oil Group II N150 China Huizhou domestic yuan/t
PA0009335	Base oil Group 2 N150 China Huizhou domestic \$/t	Base oil Group II N150 China Huizhou domestic USD/t
PA0009331	Base oil Group 3 4cst ex-tank UAE	Base oil Group III 4cst ex-tank UAE
PA0009059	Base oil Group 3 6cst cfr India	Base oil Group III 6cst cfr India
PA0009060	Base oil Group 3 8cst cfr India	Base oil Group III 8cst cfr India
PA0012080	Base oil Group 2 N500 IOC prices India Chennai domestic Rs/l	Base oil Group II N500 IOC prices India Chennai domestic Rs/l
PA0012081	Base oil Group 2 N70 IOC prices India Mumbai domestic Rs/l	Base oil Group II N70 IOC prices India Mumbai domestic Rs/l
PA0012082	Base oil Group 2 N150 IOC prices India Mumbai domestic Rs/l	Base oil Group II N150 IOC prices India Mumbai domestic Rs/l
PA0012083	Base oil Group 2 N500 IOC prices India Mumbai domestic Rs/l	Base oil Group II N500 IOC prices India Mumbai domestic Rs/l
PA0012084	Base oil Group 2 N70 IOC prices India Chennai domestic \$/t	Base oil Group II N70 IOC prices India Chennai domestic USD/t
PA0012085	Base oil Group 2 N150 IOC prices India Chennai domestic \$/t	Base oil Group II N150 IOC prices India Chennai domestic USD/t
PA0012086	Base oil Group 2 N500 IOC prices India Chennai domestic \$/t	Base oil Group II N500 IOC prices India Chennai domestic USD/t
PA0012087	Base oil Group 2 N70 IOC prices India Mumbai domestic \$/t	Base oil Group II N70 IOC prices India Mumbai domestic USD/t

PA0012088	Base oil Group 2 N150 IOC prices India Mumbai domestic \$/t	Base oil Group II N150 IOC prices India Mumbai domestic USD/t
PA0012089	Base oil Group 2 N500 IOC prices India Mumbai domestic \$/t	Base oil Group II N500 IOC prices India Mumbai domestic USD/t
PA0012399	Base oil Group 2 N150 fca ARA	Base oil Group II N150 fca ARA
PA0012400	Base oil Group 2 N600 fca ARA	Base oil Group II N600 fca ARA
PA0012401	Base oil Group 2 N150 fca ARA \$/t	Base oil Group II N150 fca ARA USD/t
PA0012402	Base oil Group 2 N600 fca ARA \$/t	Base oil Group II N600 fca ARA USD/t
PA0014240	Base oil Group 1 600 US Calumet Shreveport \$/USG	Base oil Group I 600 US Calumet Shreveport USD/USG
PA0014241	Base oil Group 1 600 US Calumet Shreveport \$/t	Base oil Group I 600 US Calumet Shreveport USD/t
PA0011607	Base oil Group 1 SN 150 cpt Naushki	Base oil Group I SN 150 cpt Naushki
PA0011608	Base oil Group 1 SN 500 cpt Naushki	Base oil Group I SN 500 cpt Naushki
PA0007574	Base oil Group 1 Bright stock US Holly \$/USG	Base oil Group I Bright stock US Holly USD/USG
PA0007598	Base oil Group 1 600/650 US Paulsboro Refining (formerly Valero) east coast \$/t	Base oil Group I 600/650 US Paulsboro Refining (formerly Valero) east coast USD/t
PA0009053	Base oil Group 3 4cst cfr India	Base oil Group III 4cst cfr India
PA0011124	Base oil Group 1 SN 150 cfr Gebze	Base oil Group I SN 150 cfr Gebze
PA0011125	Base oil Group 1 SN 500 cfr Gebze	Base oil Group I SN 500 cfr Gebze
PA0018645	Base oil Group 2 N100 fca ARA	Base oil Group II N100 fca ARA
PA0018646	Base oil Group 2 N100 fca ARA \$/t	Base oil Group II N100 fca ARA USD/t
PA0018647	Base oil Group 2 N220 fca ARA	Base oil Group II N220 fca ARA
PA0018648	Base oil Group 2 N220 fca ARA \$/t	Base oil Group II N220 fca ARA USD/t
PA0019160	Base oil Group 1 150 US Avista Oil midwest/east coast \$/USG	Base oil Group I 150 US Avista Oil midwest/east coast USD/USG
PA0019161	Base oil Group 1 150 US Avista Oil midwest/east coast \$/t	Base oil Group I 150 US Avista Oil midwest/east coast USD/t
PA0019162	Base oil Group 2 N150 US Avista Oil midwest/east coast \$/USG	Base oil Group II N150 US Avista Oil midwest/east coast USD/USG
PA0019163	Base oil Group 2 N150 US Avista Oil midwest/east coast \$/t	Base oil Group II N150 US Avista Oil midwest/east coast USD/t
PA0019164	Base oil Group 2+ 110/130 US Avista Oil midwest/east coast \$/USG	Base oil Group II+ 110/130 US Avista Oil midwest/east coast USD/USG
PA0019165	Base oil Group 2+ 110/130 US Avista Oil midwest/east coast \$/t	Base oil Group II+ 110/130 US Avista Oil midwest/east coast USD/t
PA0016258	Base oil Group 3 4cst ex-tank Singapore	Base oil Group III 4cst ex-tank Singapore
PA0020152	Base oil Group 3 4cst US Avista Oil midwest/east coast \$/USG	Base oil Group III 4cst US Avista Oil midwest/east coast USD/USG
PA0020153	Base oil Group 3 4cst US Avista Oil midwest/east coast \$/t	Base oil Group III 4cst US Avista Oil midwest/east coast USD/t
PA0015056	Base oil Group 2 200/220 US Chevron Gulf coast \$/t	Base oil Group II 200/220 US Chevron Gulf coast USD/t
PA0015057	Base oil Group 2 600 US Chevron Gulf coast \$/t	Base oil Group II 600 US Chevron Gulf coast USD/t
PA0015052	Base oil Group 2 100/120 US Chevron Gulf coast \$/USG	Base oil Group II 100/120 US Chevron Gulf coast USD/USG
PA0015053	Base oil Group 2 200/220 US Chevron Gulf coast \$/USG	Base oil Group II 200/220 US Chevron Gulf coast USD/USG
PA0015054	Base oil Group 2 600 US Chevron Gulf coast \$/USG	Base oil Group II 600 US Chevron Gulf coast USD/USG
PA0015055	Base oil Group 2 100/120 US Chevron Gulf coast \$/t	Base oil Group II 100/120 US Chevron Gulf coast USD/t
PA0023012	Base oil Group 3 4cst US Motiva Gulf coast \$/USG	Base oil Group III 4cst US Motiva Gulf coast USD/USG
PA0023013	Base oil Group 3 4cst US Motiva Gulf coast \$/t	Base oil Group III 4cst US Motiva Gulf coast USD/t
PA0023014	Base oil Group 3 6cst US Motiva Gulf coast \$/USG	Base oil Group III 6cst US Motiva Gulf coast USD/USG
PA0023015	Base oil Group 3 6cst US Motiva Gulf coast \$/t	Base oil Group III 6cst US Motiva Gulf coast USD/t
PA0016259	Base oil Group 3 6cst ex-tank Singapore	Base oil Group III 6cst ex-tank Singapore
PA0021579	Base oil Group 2 N150 ex-tank E China	Base oil Group II N150 ex-tank E China



PA0021578	Base oil Group 3 6cst ex-tank E China	Base oil Group III 6cst ex-tank E China
PA0021580	Base oil Group 2 N500 ex-tank E China	Base oil Group II N500 ex-tank E China
PA0021581	Base oil Group 3 8cst ex-tank E China	Base oil Group III 8cst ex-tank E China
PA0019920	Base oil Group I SN 100 Pemex posted Salamanca \$/t	Base oil Group I SN 100 Pemex posted Salamanca USD/t
PA0019921	Base oil Group I SN 100 Pemex posted Salamanca \$/USG	Base oil Group I SN 100 Pemex posted Salamanca USD/USG
PA0019923	Base oil Group I SN 150 Pemex posted Salamanca \$/t	Base oil Group I SN 150 Pemex posted Salamanca USD/t
PA0019924	Base oil Group I SN 150 Pemex posted Salamanca \$/USG	Base oil Group I SN 150 Pemex posted Salamanca USD/USG
PA0019926	Base oil Group I SN 250 Pemex posted Salamanca \$/t	Base oil Group I SN 250 Pemex posted Salamanca USD/t
PA0019927	Base oil Group I SN 250 Pemex posted Salamanca \$/USG	Base oil Group I SN 250 Pemex posted Salamanca USD/USG
PA0019929	Base oil Group I SN 500 Pemex posted Salamanca \$/t	Base oil Group I SN 500 Pemex posted Salamanca USD/t
PA0019930	Base oil Group I SN 500 Pemex posted Salamanca \$/USG	Base oil Group I SN 500 Pemex posted Salamanca USD/USG
PA0019932	Base oil Group I SN 650 Pemex posted Salamanca \$/t	Base oil Group I SN 650 Pemex posted Salamanca USD/t
PA0019933	Base oil Group I SN 650 Pemex posted Salamanca \$/USG	Base oil Group I SN 650 Pemex posted Salamanca USD/USG
PA0019935	Base oil Group I Bright stock Pemex posted Salamanca \$/t	Base oil Group I Bright stock Pemex posted Salamanca USD/t
PA0019936	Base oil Group I Bright stock Pemex posted Salamanca \$/USG	Base oil Group I Bright stock Pemex posted Salamanca USD/USG
PA0022611	Base oil Group 2 70 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II 70 Petro-Canada Mississauga Ontario USD/t day
PA0022612	Base oil Group 2 200 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II 200 Petro-Canada Mississauga Ontario USD/t day
PA0022613	Base oil Group 2 650 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II 650 Petro-Canada Mississauga Ontario USD/t day
PA0022616	Base oil Group 2+ 100 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II+ 100 Petro-Canada Mississauga Ontario USD/t day
PA0022617	Base oil Group 2+ 65 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II+ 65 Petro-Canada Mississauga Ontario USD/t day
PA0022620	Base oil Group 2 100 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II 100 Petro-Canada Mississauga Ontario USD/t day
PA0022621	Base oil Group 2 350 Petro-Canada Mississauga Ontario \$/t day	Base oil Group II 350 Petro-Canada Mississauga Ontario USD/t day
PA0022622	Base oil Group 3 4cst Petro-Canada Mississauga Ontario \$/t day	Base oil Group III 4cst Petro-Canada Mississauga Ontario USD/t day
PA0022624	Base oil Group 3 6cst Petro-Canada Mississauga Ontario \$/t day	Base oil Group III 6cst Petro-Canada Mississauga Ontario USD/t day
PA0022626	Base oil Group 3 8cst Petro-Canada Mississauga Ontario \$/t day	Base oil Group III 8cst Petro-Canada Mississauga Ontario USD/t day