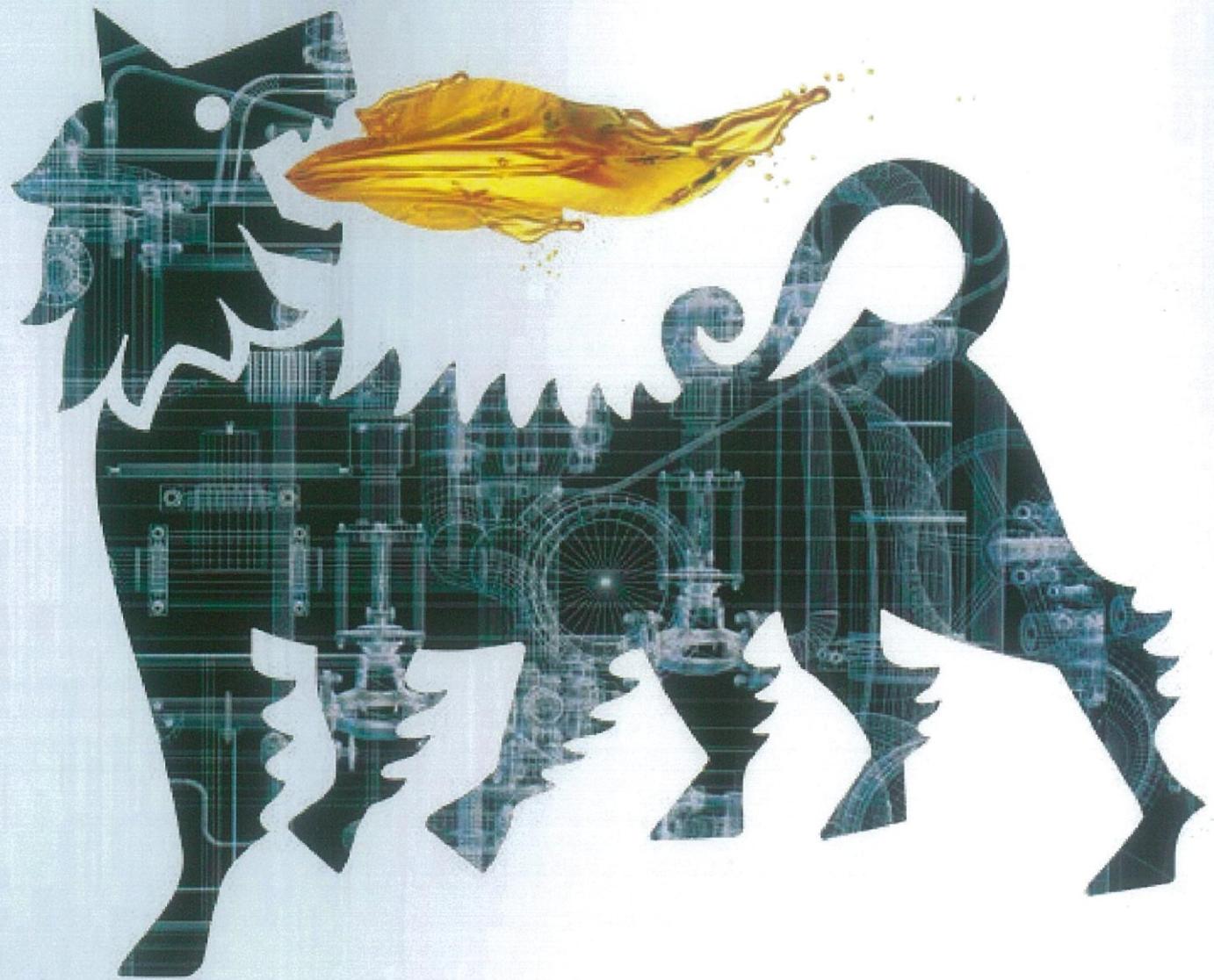


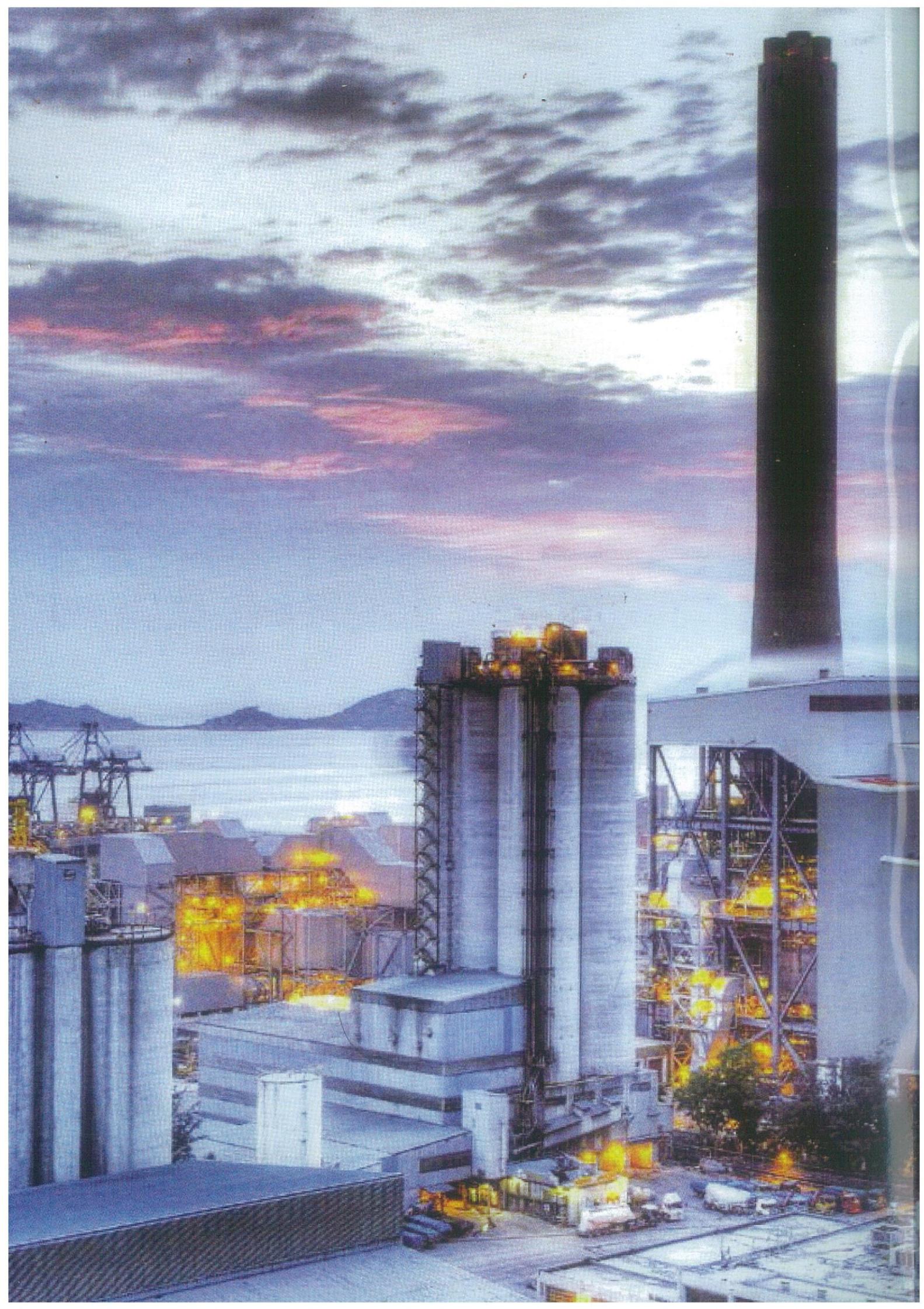
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Gear

Product	Description	Viscosity ISO VG	Classifications and specifications
Blasia	<p>Characteristics: oils with EP (extreme pressure) and excellent antiwear properties. Outstanding demulsibility and corrosion protection.</p> <p>Applications: enclosed gears operating in heavy duty conditions. Low speed plain bearings heavily-loaded, oil-mist lubrication systems.</p>	32, 68 to 680, 540*	ISO12925-I CKD DIN 51517-3 CLP ANSI/AGMA 9005-E02 EP AISTNo.224
Blasia S	<p>Characteristics: oils based on polyglycol with excellent thermal-oxidative resistance and protection against wear due to 'micropitting'.</p> <p>Applications: bearings and gears operating at very high temperatures, gears where low friction coefficient (worm gears, worm wheel) is required.</p>	150 to 460	ISO12925-1 CKE/CKT DIN 51502 CLP-PG ANSI/AGMA 9005-E02
Blasia SX	<p>Characteristics: oils based on PAO (polyalphaolefin) with excellent thermal-oxidation stability. Excellent antiwear properties (FZG>I2^o stage).</p> <p>Applications: gears operating at very high temperatures, bearings of marine separators.</p>	100,150,220, 320	ISO12925-1 CKS ANSI/AGMA9005-E02 DIN 51517-3 CLP

Air Compressor

Product	Description	Viscosity ISO VG	Classifications and specifications
Acer	<p>Characteristics: mineral oils with antioxidant and antirust properties (R&O oils).</p> <p>Applications: reciprocating compressors operating at medium temperatures.</p>	32 to 680, 800*	ISO 6743/3 DAB DIN 51506 VCL DIN 51506 VBL
Dicrea	<p>Characteristics: mineral oils with antioxidant and antiwear properties. Absence of carbon residue, also at high temperatures.</p> <p>Applications: reciprocating and rotary compressors operating at very high temperatures.</p>	32 to 320	ISO 6743/3 DAH ISO 5743/3 DAG ISO 6743/3 DAB ISO 5743/3 DM DIN 51506 VDL DIN 51506 VBL ISO 5743/3 DVA
Dicrea SX	<p>Characteristics: synthetic oils based on PAO (polyalphaolefin) with excellent oxidation resistance that allows to extend the oil-change interval.</p> <p>Applications: screw compressors, reciprocating and rotary compressors.</p>	32,45, 68	ISO 6743/3 DAB ISO 5743/3 DAJ DIN 51506 VDL

Eni is a major integrated energy company committed to growth in the activities of finding, producing, transporting, transforming and marketing oil and gas.

Eni is an integrated company that operates across the entire energy chain, employing more than 33,000 people in 69 Countries around the world. Our way of doing business, based on operating excellence, focus on health, safety and the environment, is committed to preventing and mitigating operational risks.

Eni Refining & Marketing has always been committed to researching and producing ultra-high performance lubricants and operates in the industrial market in Italy, Europe and various other Countries.

The Eni lubricant lines for industry are able to meet all the lubrication needs of industrial plants of any type with a quality level to the top of the market.

Eni Refining & Marketing maintains and reinforces its technical and commercial leadership status in the fields of technology, quality, environmental protection and technical support for its customers.

Research centre

The Eni Research Centre in San Donato Milanese has state-of-the-art laboratories featuring advanced equipment for studying, developing and fully identifying the characteristics of raw materials for high performance lubricants. In line with the company's marketing strategies, the Eni research involves performing important technical activities in collaboration with important machinery manufacturers, regulatory authorities and several prestigious Italian universities. The Eni Research Centre complies with the UNI EN ISO 9001 standard in relation to the activities of "Applied research, technical support and laboratory analyses in the energy sector: lubricants, additives, bitumens, special products for motor vehicles and for industrial use" and "Production on pilot systems of lubricants, propellants and fuels" (sector EA 34,35 - certificate no. 676).

Research centre

Our commitment to ensure customer satisfaction

The Eni Refining & Marketing organization is able to support customers for any need regarding lubrication oils and to consolidate a confidential relationship based on integrated technical support services.

Sales assistance

The Eni sales network, present on the territory, provides information on the range of lubricating oils and assists customers in all the product procurement phases.

Technical assistance

Eni technicians are available to help solving any operative issue and can provide their assistance to arrange lubrication guides, to follow the oil charge monitoring and to offer training courses regarding lubrication.

Laboratory assistance

The Eni laboratories give their full assistance to customers for the oil charge control by periodic monitoring in order to guarantee the best operating efficiency of lubricated machineries.

For more information oilproducts.eni.com



R & O

Product	Description	Viscosity ISO VG	Classifications and specifications
Acert	<p>Characteristics: mineral oils with outstanding antioxidant and antirust properties. Excellent demulsibility.</p> <p>Applications: plain and rolling bearings, air compressors and gears where EP properties are not requested.</p>	75 to 800	ISO 6743/4 HL ISO 6743/3 DAB ISO 6743/6 CKB DIN 57524-1 HL DIN 51517-2 CL AFNOR NF E 48600 HL B54231 HSC ANSI/AGMA 9005-E02

Heat Transfer Oil

Product	Description	Viscosity ISO VG	Classifications and specifications
Alaria 2	<p>Characteristics: oils based on paraffinic basestocks with very high thermo-oxidative stability, outstanding resistance to deposits and sludge formation. Good demulsibility and rapid air-release.</p> <p>Applications: open or closed systems.</p>	n.d.	ISO 6743/12 QB
Alaria 3			
Alaria 7			
Alaria S	<p>Characteristics: osynthetic heat transfer fluid based on alkyl benzene. It is a better heat transfer fluid as compared to any mineral oil based thermic fluids due to its special chemistry.</p> <p>Applications: open or closed systems operating at very high temperatures.</p>	n.d.	ISO 6743/12 QC

Engine Oil

Product	Description	Viscosity ISO VG	Classifications and specifications
Geum	<p>Characteristics: low ash technology.</p> <p>Applications: natural gas or methane gas fueled engines.</p>	10	Caterpillar Rolls-Royce MTU MDE Dresser-Rand API CI-4/CH-4/CG-4/ CF-4/CF/SL ACEA E5,E3 ACEA A3, B3, B4 Global DHD-1 MAN 3275 Mercedes Benz 228.3 Volvo VDS-2 Volvo VDS-3 MTU Type 2 VW 501/505 Allison C4 Cummins CES 20071/72/76/77/78 Mack EO-M, EO-M Plus
Sigma Turbo Plus	<p>Characteristics: formulated from a premium performance additive package and selected base oil to give a long-drain service (SHPD oil) of the latest generation for supercharged diesel engines operating under severe duty, notably those of recent technology according to engine manufacturer specifications.</p> <p>Applications: Diesel fueled engines</p>	15W40 20W50	



Hydraulic

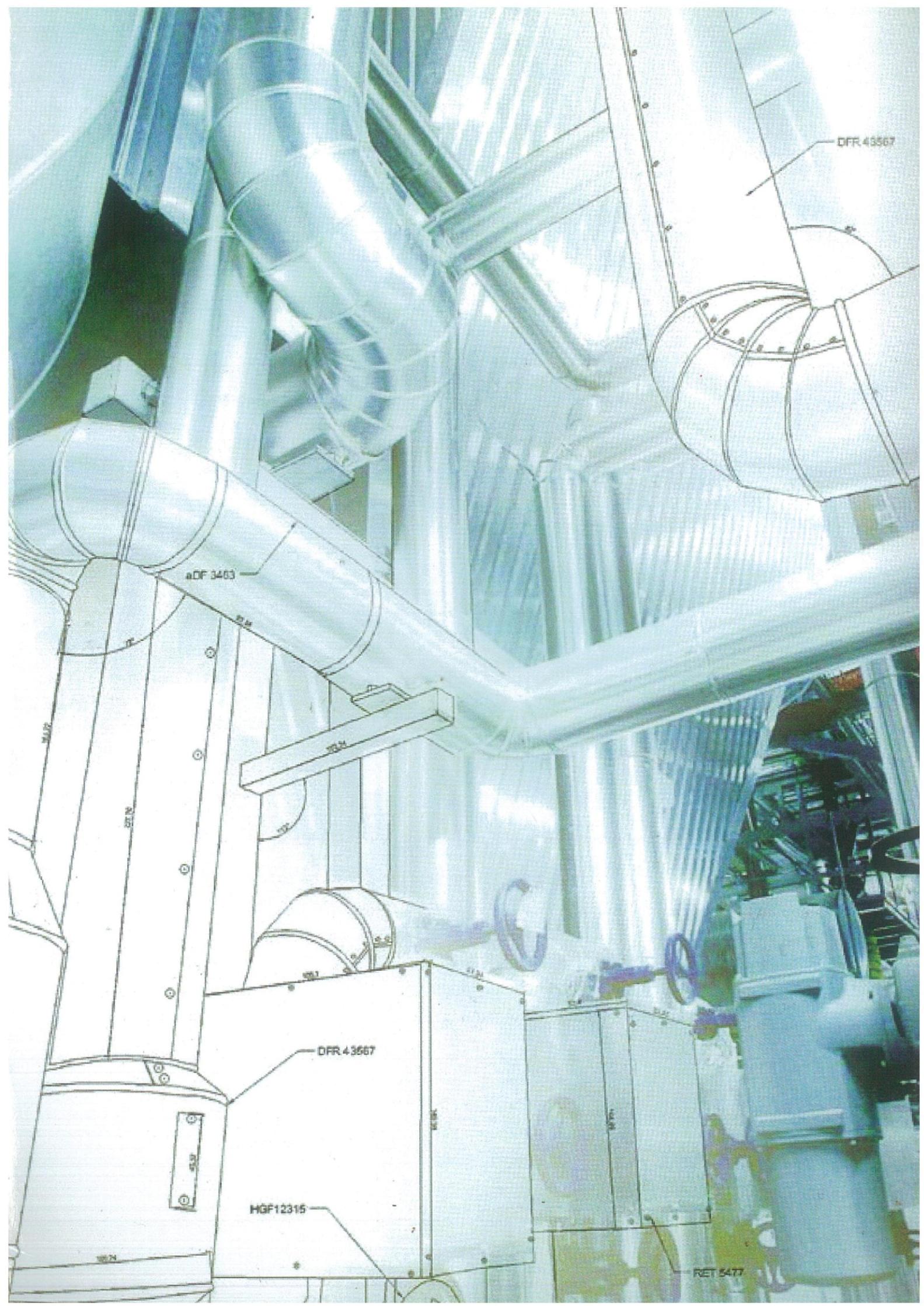
Product	Description	Viscosity ISO VG	Classifications and specifications
OSO	<p>Characteristics: oils with excellent antiwear, antirust and antioxidant properties. High filterability in service.</p> <p>Applications: hydraulic systems operating under high hydrostatic pressures and subjected to low temperatures variations.</p>	15 to 150	ISO 11158-HM AFNOR NF E 48603 HM BS 4231 HSD DIN 51524-2 HLP Parker Hannifin - Denison HF-0 Fives Cincinnati P-68, P-69, P -70 level Linde Rexroth RD 90220-01/12.IO
Arnica	<p>Characteristics: high viscosity index oils with excellent antioxidant, antiwear and antirust properties. High filterability in service.</p> <p>Applications: hydraulic systems operating under high pressure conditions and in a wide temperature range.</p>	15 to 100	ISO 11158-HV AFNOR NF E 48603 HV BS 4231 HSE DIN 51524-3 HVLP Fives Cincinnati P-68, P-69, P-70 Commercial Hydraulics Parker Hannifin - Denison HF-0 Eaton Vickers M-2950-S Eaton Vickers 1-286-S Linde Rexroth RD 90220-01/12.10
Arnica 104/FR	<p>Characteristics: biodegradable and non-flammable oil based on propylene glycol and water with good anticorrosion properties. Product "not harmful". Exhausted product can be wasted as special product. ° 104/FR</p> <p>Applications: hydraulic systems operating at low temperatures (<50 C), but exposed to fire hazard owing to the presence of ignition sources.</p>	N. D.	ISO 12922-HFC ISO 15380-HEPG VII Report of Luxembourg - HF DU Danieli Standard 0.000.001 rev.15

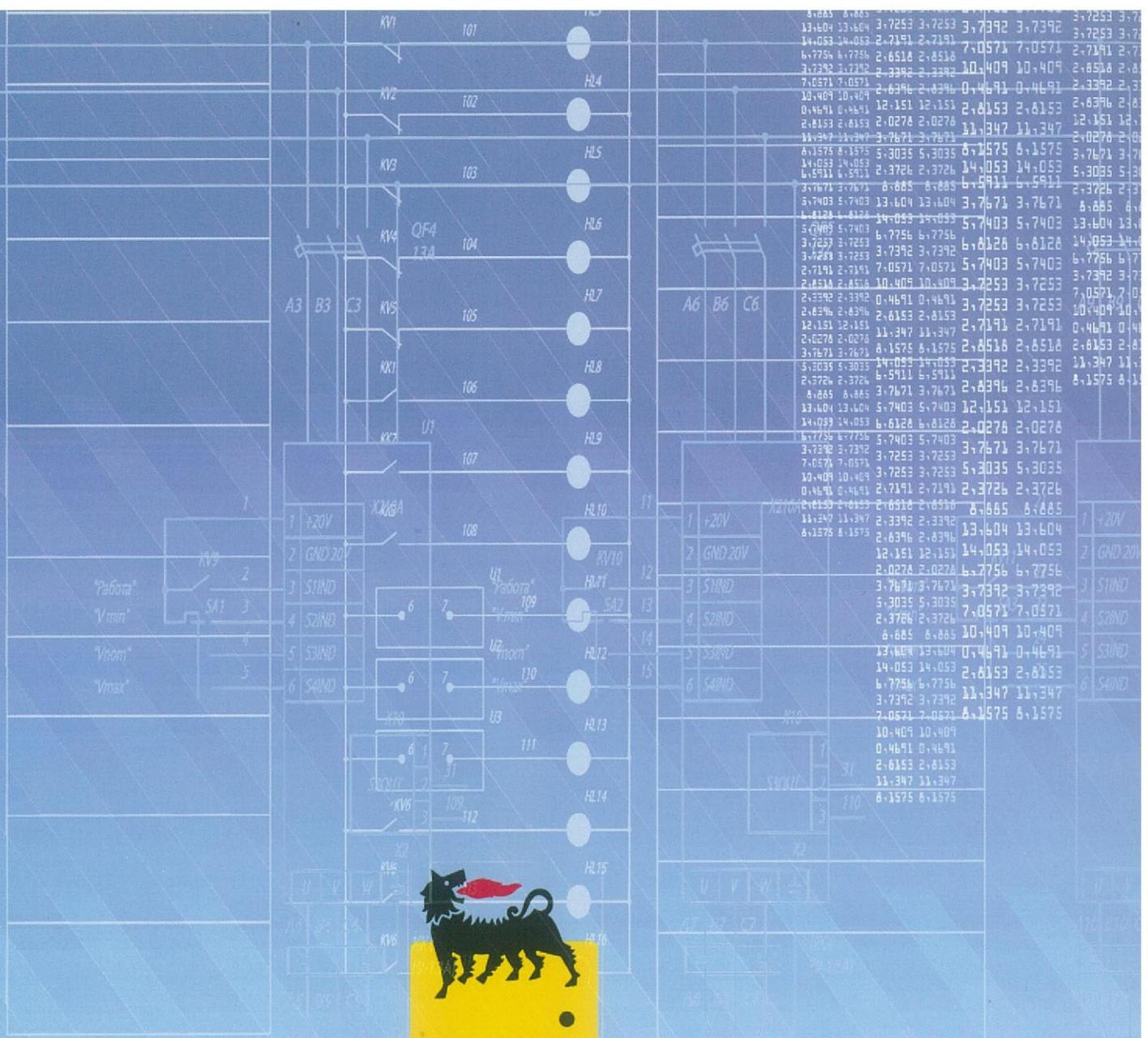
Turbine

Product	Description	Viscosity ISO VG	Classifications and specifications
OTE	<p>Characteristics: oils with high resistance to oxidation and corrosion. Excellent demulsibility and antifoam properties.</p> <p>Applications: all parts (bearings, control systems, etc.) of steam, water and gas turbines operating in normal conditions.</p>	32, 46, 68, 80*, 100	ISO 8068 -TSA/TGA/THA DIN 51515-1TD ASTM D 4304 Type I BS 489:1999 CEI 10-8 (1994) General Electric GEK 28143B Alstom HTDG 90117 VOOOI X Ansaldo Energia 606W807 Rev.C (2012) Doosan Skoda Power Siemens TLV 9013 04 Nuovo Pignone SOS 02III/4 Nuovo Pignone SOM 17366

Transformer

Product	Description	Viscosity ISO VG	Classifications and specifications
ITE 600	<p>Characteristics: mineral insulating uninhibited oil with antioxidant properties.</p> <p>Applications: transformers, switch gears, condensers, rheostats and in manl) other electrical applications.</p>	10	IEC 60296 ed.4 (2012) ° - Transformer Oil U -30 C





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