

شركة السمرا لتوليد الكهرباء
عطاء 22/2025 توريد زيوت ومواد تشحيم (محطة رحاب)

Num	Description	UOM	Quantity
1	High speed Coupling Grease 1 pail = 18 kg Resists oil separation and maintains continuous lubrication of high speed flexible gear coupling elements under conditions of high speed and high centrifugal force Meets the requirements of AGMA Coupling Grease specifications: • AGMA CG-1, CG-2 and CG-3 type NLGI Grade : 1 Dropping Point > 150 °C Kinematic viscosity @ 40 C > 680 mm2/s Kinematic viscosity @ 100 C > 26 mm2/s Cone Penetration @25 °C ASTM D217: 300 -350 Timken OK Load : 18 Kg year of production : 2023/2024	each	2
2	Full synthetic Gearbox oil 208 L barrel Oils are accepted in compliance to the following specifications Viscosity grade ISO VG 220 method ISO 3448 Kinematic viscosity @ 40 C < 230 mm2/s Kinematic viscosity @ 100 C > 30 mm2/s Pour point < -40 FZG load carrying Test > 13 minor Variations may be accepted year of production : 2023/2024	Barrel	6
3	HYDRAULIC OIL H46 Grade Oils are accepted in compliance to the following specifications Industrial Hydraulic Oil Viscosity grade ISO VG 46 Meets or exceeds the requirements of ASTM D6158 Kinematic viscosity @ 40 C 44 mm2/s Kinematic viscosity @ 100 C > 6.5 mm2/s Emulsion time to 3 mL emulsion ASTM D1401 Specs minor Variations may be accepted year of production : 2023/2024	Barrel	8
4	Rotary Air Compressor Synthetic Oil pail=20 Litre Oils are accepted in compliance to the following specifications ISO viscosity classification ASTM D2422 : 46 pour point - 50 °C flash point : 270 C° specific gravity ASTM D941 : 0.99 total acid number ASTM D664 : 0.05 PH ASTMD664 : 9 high pressure oxidation test ASTMD2272 : 18 4-ball wear 40 kf /1hr / 1800 rpm ASTM D2783 : 0.77 Copper strip corrosion 3 hrs@100C ASTM D130 : 1A Ferrous metal corrosion /rust test ASTM D665 : Pass Foam Tendency ASTM D892: Nil year of production : 2023/2024	each	8
5	Lithium hydroxystearate general purpose grease with anti-oxidant , anti-wear and anti-rust additives 1 pail = 18 kg application : motor bearings NLGI Grade : 2 Dropping Point > 150 °C Kinematic viscosity @ 40 C > 100 mm2/s Kinematic viscosity @ 100 C > 10 mm2/s Cone Penetration @25 °C ASTM D217 : 250-300 year of production : 2023/2024	each	3

