



افرام للزيوت
FREM LUBRICANT OIL

OIL BRAND OF MECANICA GROUP SAL
CERTEFICATE OF ANALYSIS

| PRODUCT | Fully Synthetic Engine Oil 0W40 | | | |
|-----------|---------------------------------|------------|----------|---------|
| DATE | 13/02/2021 | | | |
| BATCH NO. | DA-163778-02-2021 | | | |
| GRADE | SN/CJ4 | | | |
| S.No | TEST | METHOD | UNITS | RESULTS |
| 1 | Appearance | Visual | | B&C |
| 2 | Color | ASTM D1500 | | L2.5 |
| 3 | Kinematic Viscosity@ 40°C | ASTM D445 | Cst | 92.65 |
| 4 | Kinematic Viscosity@ 100°C | ASTM D445 | Cst | 13.72 |
| 5 | Viscosity Index | ASTM D2270 | - | 151 |
| 6 | Pour Point | ASTM D97 | °C | -45 |
| 7 | Flash Point COC | ASTM D92 | °C | 220 |
| 8 | Density at 15 °C | ASTM D4052 | kg/l | 0.872 |
| 9 | Total Base Number | ASTM D2896 | mg KOH/g | 7.45 |
| 10 | CCS @ -20°C | ASTM D5293 | cP | 6050 |
| 11 | Sulphated Ash | ASTM D 874 | % | 1.02 |
| 12 | Foaming Test | ASTM D 892 | | |
| | Sequence I | | ml | 10-0 |
| | Sequence II | | ml | 20-0 |
| | Sequence III | | ml | 10-0 |

For Mecanica Group Sal Company
Boutros Frem

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