

POWEROIL SAPPHIRE MW H 600

POWEROIL SAPPHIRE MWH 600 is high viscosity naphthenic oil formulated from hydrogenated naphthenic base oils. This oil is non staining in nature and possess excellent thermal, oxidation and colour stability.

| Sr. No | Characteristics | Unit | Test Method | Specification | |
|--------|-----------------------------|-------|---------------------|---------------|-------|
| | | | | Min | Max |
| 1 | Appearance | - | Visual | Clear Liquid | |
| 2 | Color, ASTM | - | ASTM D 1500 | - | 2.0 |
| 3 | Density at 29.5°C | gm/ml | ASTM D 1298 | 0.900 | 0.920 |
| 4 | Kinematic Viscosity at 40°C | cSt | ASTM D 445 / D 7042 | 108.0 | 121.1 |
| 5 | Flash Point, (COC) | ° C | ASTM D 92 | 200 | - |
| 6 | Pour Point | ° C | ASTM D 97 | - | -15 |
| 7 | Aniline Point | ° C | ASTM D 611 | 85 | 90 |
| 8 | Sulfur Content | % | ASTM D 4294 | - | 0.05 |
| 9 | Carbon Type Analysis | | ASTM D 2140 | | |
| | Aromatic, Ca | % | | 12 (Typical) | |
| | Paraffinic, Cp | % | | 49 (Typical) | |
| | Naphthenic, Cn | % | | 39 (Typical) | |

Applications: Used in the manufacturing of Cutting fluids, Refrigeration Oil & Greases.