

HYDROCARBON FLUIDS & OILS

CHOOSE FROM A VARIETY OF HIGH-QUALITY GRADES OF HYDROCARBON OILS AND VACUUM PUMP FLUIDS SPECIALLY FORMULATED FOR SUPERIOR PERFORMANCE. THE ENTIRE PRECISION PLUS FAMILY OF OILS AND FLUIDS ARE FULLY TESTED TO ENSURE A PERFECT MATCH TO YOUR PARTICULAR APPLICATION.

PLUS 19

PLUS 19 IS AN EXCELLENT GENERAL PURPOSE, VACUUM DISTILLED, HYDROCARBON FLUID FOR DIRECT DRIVE VACUUM PUMPS. BECAUSE OF THEIR HIGH ROTATIONAL SPEED, DIRECT DRIVE VANE PUMPS REQUIRE A FLUID WITH LOWER VAPOR PRESSURE, BETTER OXIDATION RESISTANCE AND HIGHER THERMAL STABILITY THAN STRAIGHT REFINERY FLUIDS.

| SIZE | PART NUMBER |
|--------------------------|--------------------|
| 1 L (1.06 QT) | PP19001 |
| 4 L (4.23 QT) | PP19004 |
| 12 L CASE (12 X 1.06 QT) | PP19012 |
| 20 L (5.28 GAL) | PP19020 |
| 208 L DRUM (55 GAL) | PP19220 |

PLUS 20

PLUS 20 IS DOUBLE DISTILLED AND OFFERS A COMBINATION OF LOWER VAPOR PRESSURE AND GREATER RESISTANCE TO OXIDATION. DOUBLE DISTILLATION LOWERS VAPOR PRESSURE BY REMOVING LIGHT END OIL FRACTIONS THAT CAN CAUSE BACKSTREAMING. THIS QUALITY MAKES PLUS 20 IDEAL FOR DIRECT DRIVE PUMPS USED IN BACKING DIFFUSION OR TURBOMOLECULAR PUMPS.

| SIZE | PART NUMBER |
|--------------------------|--------------------|
| 1 L (1.06 QT) | PP20001 |
| 4 L (4.23 QT) | PP20004 |
| 12 L CASE (12 X 1.06 QT) | PP20012 |
| 20 L (5.28 GAL) | PP20020 |
| 208 L DRUM (55 GAL) | PP20220 |

PLUS 70

PLUS 70 IS EQUIVALENT TO LEYBOLD HE-700, SPECIFICALLY DESIGNED FOR LARGER SINGLE STAGE PUMPS.

| SIZE | PART NUMBER |
|--------------------------|--------------------|
| 1 L (1.06 QT) | PP70001 |
| 4 L (4.23 QT) | PP70004 |
| 12 L CASE (12 X 1.06 QT) | PP70012 |
| 20 L (5.28 GAL) | PP70020 |
| 208 L DRUM (55 GAL) | PP70220 |

HYDROCARBON FLUIDS & OILS

SPECIFICATIONS FOR EACH PRODUCT CAN BE FOUND ON PAGE 3 OF THIS SECTION. PRECISION PLUS NORMALLY STOCKS 1-GALLON & SMALLER SIZES. LARGER CONTAINERS REQUIRE A 1-2 DAY LEAD-TIME TO SHIP. PLEASE CHECK WITH CUSTOMER SERVICE FOR AVAILABILITY. MSDS SHEETS AVAILABLE UPON REQUEST OR ON OUR WEB SITE.

PLUS 77

PLUS 77 IS A GENERAL PURPOSE HIGH-VISCOSITY HYDROCARBON FLUID EQUIVALENT TO STOKES V-LUBE B, F & KINNEY KV-100.

| SIZE | PART NUMBER |
|-----------------|--------------------|
| 4 L (4.23 QT) | PP77004 |
| 20 L (5.28 GAL) | PP77020 |

PLUS 97

PLUS 97 IS A GENERAL PURPOSE HIGH-VISCOSITY HYDROCARBON FLUID EQUIVALENT TO STOKES V-LUBE H.

| SIZE | PART NUMBER |
|-----------------|--------------------|
| 4 L (4.23 QT) | PP97004 |
| 20 L (5.28 GAL) | PP97020 |

PLUS 100

PLUS 100 IS EQUIVALENT TO LEYBOLD HE-100 AND KINNEY LT MECHANICAL PUMP OIL.

| SIZE | PART NUMBER |
|--------------------------|--------------------|
| 1 L (1.06 QT) | PP100001 |
| 4 L (4.23 QT) | PP100004 |
| 12 L CASE (12 X 1.06 QT) | PP100012 |
| 20 L (5.28 GAL) | PP100020 |

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PLUS DUO

PLUS DUO IS A LOW VAPOR PRESSURE, NON-ADDITIVE, FRACTIONATED HYDROCARBON FLUID SPECIALLY FORMULATED FOR BELT-DRIVEN PUMPS. PLUS DUO IS RESISTANT TO OXIDATION, IS THERMALLY STABLE WITH LOW CHEMICAL REACTIVITY.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPD001 |
| 4 L (4.23 QT) | PPD004 |
| 12 L CASE (12 X 1.06 QT) | PPD012 |
| 20 L (5.28 GAL) | PPD020 |

PLUS GOLD

PLUS GOLD IS A LOW VAPOR PRESSURE, HIGH THERMAL STABILITY, SYNTHETIC HYDROCARBON FLUID. PLUS GOLD IS THE EQUIVALENT TO LEBOLD HE-275 AND EDWARDS ED 45 SYNTHETIC HYDROCARBON FLUID.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPGOLD001 |
| 4 L (4.23 QT) | PPGOLD004 |
| 12 L CASE (12 X 1.06 QT) | PPGOLD012 |
| 20 L (5.28 GAL) | PPGOLD020 |

PLUS TW

PLUS TW IS A TECHNICAL WHITE OIL SPECIALLY PROCESSED FOR APPLICATIONS WHERE EXPOSURE TO REACTIVE GASES CAUSE PREMATURE DEGRADATION OF PLUS 20-TYPE FLUIDS. PLUS TW UNDERGOES A STRIPPING PROCESS IN WHICH SATURATED AND AROMATIC FLUID COMPONENTS ARE REMOVED. THE RESULT IS A FLUID WITH HIGH RESISTANCE TO ACIDIC-BY-PRODUCTS AND A LONGER LIFE THAN OTHER HYDROCARBON FLUIDS. TYPICAL APPLICATIONS INCLUDE LPCVD, ION IMPLANTATION, AND NITRIDE.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPTW001 |
| 4 L (4.23 QT) | PPTW004 |
| 12 L CASE (12 X 1.06 QT) | PPTW012 |
| 20 L (5.28 GAL) | PPTW020 |

HYDROCARBON FLUIDS & OILS

SPECIFICATIONS FOR EACH PRODUCT CAN BE FOUND ON PAGE 3 OF THIS SECTION. PRECISION PLUS NORMALLY STOCKS 1-GALLON & SMALLER SIZES. LARGER CONTAINERS REQUIRE A 1-2 DAY LEAD-TIME TO SHIP. PLEASE CHECK WITH CUSTOMER SERVICE FOR AVAILABILITY. MSDS SHEETS AVAILABLE UPON REQUEST OR ON OUR WEB SITE.

PLUS UG 19

PLUS UG19 IS EQUIVALENT TO EDWARDS ULTRA GRADE 19 HYDROCARBON OIL.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPUG19001 |
| 4 L (4.23 QT) | PPUG19004 |
| 12 L CASE (12 X 1.06 QT) | PPUG19012 |
| 20 L (5.28 GAL) | PPUG19020 |
| 208 L DRUM (55 GAL) | PPUG19220 |

PLUS UG 20

PLUS UG20 IS EQUIVALENT TO EDWARDS ULTRA GRADE 20 HYDROCARBON OIL.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPUG20001 |
| 4 L (4.23 QT) | PPUG20004 |
| 12 L CASE (12 X 1.06 QT) | PPUG20012 |
| 20 L (5.28 GAL) | PPUG20020 |
| 208 L DRUM (55 GAL) | PPUG20220 |

PLUS UG 70

PLUS UG70 IS EQUIVALENT TO EDWARDS ULTRA GRADE 70 HYDROCARBON OIL.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | PPUG70001 |
| 4 L (4.23 QT) | PPUG70004 |
| 12 L CASE (12 X 1.06 QT) | PPUG70012 |
| 20 L (5.28 GAL) | PPUG70020 |
| 208 L DRUM (55 GAL) | PPUG7022 |

PLUS FF

THIS UNIQUE FLUSHING FLUID COMBINES LOW VAPOR PRESSURE WITH CUTTING ACTIONS TO REMOVE VARNISHES AND GUMS BUILDUP FROM VACUUM PUMP COMPONENTS. HYDROCARBON OIL IS BLENDED WITH A LOW VAPOR PRESSURE SOLVENT. PLUS FF MAY BE RUN OVERNIGHT TO RID PUMPS OF STUBBORN CONTAMINANTS AS REQUIRED.

| SIZE | PART NUMBER |
|---------------------|-------------|
| 1 L (1.06 QT) | PPFF001 |
| 4 L (4.23 QT) | PPFF004 |
| 20 L (5.28 GAL) | PPFF020 |
| 208 L DRUM (55 GAL) | PPFF220 |

SPECIFICATIONS

| | PLUS 19 | PLUS 20 | PLUS 70 |
|------------------------|-----------------------|-----------------------|-----------------------|
| VAPOR PRESSURE AT 25°C | 1 x 10 ⁻⁵ | <3 x 10 ⁻⁶ | <1 x 10 ⁻⁷ |
| VISCOSITY AT 40°C | 55 CST | 58 CST | 72 CST |
| VISCOSITY AT 100°C | 8.1 CST | 8.5 CST | N/A |
| POUR POINT | -15°C | -10°C | -10°C |
| FLASH POINT | 213°C | 224°C | 249°C |
| FIRE POINT | 244°C | 259°C | 276°C |
| | PLUS UG19 | PLUS UG20 | PLUS UG70 |
| VAPOR PRESSURE AT 25°C | <1 x 10 ⁻⁶ | 1 x 10 ⁻⁷ | 1 x 10 ⁻⁷ |
| VISCOSITY AT 40°C | 55 CST | 110 CST | 72 CST |
| VISCOSITY AT 100°C | N/A | N/A | N/A |
| POUR POINT | -10°C | -9°C | -10°C |
| FLASH POINT | 247°C | 252°C | 249°C |
| FIRE POINT | 274°C | 281°C | 276°C |
| | PLUS GOLD | PLUS DUO | |
| VAPOR PRESSURE AT 25°C | <1 x 10 ⁻⁷ | 2 x 10 ⁻⁴ | |
| VISCOSITY AT 40°C | 67 CST | 68 CST | |
| VISCOSITY AT 100°C | 9.2 CST | 8.7 CST | |
| POUR POINT | -55°C | -10°C | |
| FLASH POINT | 285°C | 230°C | |
| FIRE POINT | 305°C | 250°C | |
| | PLUS 77 | PLUS 97 | |
| VAPOR PRESSURE AT 25°C | <5 x 10 ⁻⁵ | <4 x 10 ⁻⁴ | |
| VISCOSITY AT 40°C | 100 CST | 207 CST | |
| VISCOSITY AT 100°C | 11.95 CST | 18.1 CST | |
| POUR POINT | -9°C | -12°C | |
| FLASH POINT | 257°C | 235°C | |
| FIRE POINT | 291°C | 277°C | |
| | PLUS TW | PLUS FF | |
| VAPOR PRESSURE AT 25°C | <1 x 10 ⁻⁶ | 5 x 10 ⁻⁴ | |
| VISCOSITY AT 40°C | 65 CST | 68 CST | |
| VISCOSITY AT 100°C | 9.1 CST | 8 CST | |
| POUR POINT | -12°C | -13°C | |
| FLASH POINT | 243°C | 230°C | |
| FIRE POINT | 270°C | 260°C | |

USDA H-2 APPROVED

HIGH-PERFORMANCE USDA H2, FOOD GRADE LUBRICANTS FORMULATED FOR USE IN THE FOOD PROCESSING AND PHARMACEUTICAL INDUSTRIES, WHERE HIGH-PURITY AND ANTI WEAR PERFORMANCE ARE ESSENTIAL. AVAILABLE IN 1 LITER SIZE, CASE OF 12 LITERS, 4 LITER AND 20 LITER CONTAINERS, AND 208 LITER DRUMS.

MSDS SHEETS AVAILABLE UPON REQUEST OR ON OUR WEB SITE.

PLUS 530

PLUS 530 IS A 100% HYDROCARBON, ADDITIVE-FREE OIL DESIGNED FOR USE IN LARGE ROTARY VANE, PISTON AND LOBE TYPE VACUUM PUMPS. THE HIGH VISCOSITY AND LOW POUR POINT OF THIS OIL ENSURES EASE OF HANDLING IN EXTREME TEMPERATURES. EQUIVALENT TO AN SAE 30 WT. OIL.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | 530-001 |
| 4 L (4.23 QT) | 530-004 |
| 12 L CASE (12 X 1.06 QT) | 530-012 |
| 20 L (5.28 GAL) | 530-020 |
| 208 L DRUM (55 GAL)) | 530-220 |

PLUS 568 (FLUSHING FLUID)

PLUS 568 FLUSHING FLUID COMBINES LOW VAPOR PRESSURE WITH CUTTING ADDITIVES TO REMOVE VARNISHES.

PLUS 568 IS NOT USDA H-2 APPROVED

| SIZE | PART NUMBER |
|-----------------|-------------|
| 1 L (1.06 QT) | 568-001 |
| 4 L (4.23 QT) | 568-004 |
| 20 L (5.28 GAL) | 568-020 |

USDA H-2 APPROVED

PRECISION PLUS NORMALLY STOCKS 1-LITER & SMALLER SIZES. LARGER CONTAINERS REQUIRE A 1-2 DAY LEAD-TIME TO SHIP. PLEASE CHECK WITH CUSTOMER SERVICE FOR AVAILABILITY.

HYDROCARBON, SEMI-SYNTHETIC AND SYNTHETIC COMPOUNDS ARE AVAILABLE IN EQUIVALENT SAE15 THROUGH SAE40 WTS.

PLUS 570

PLUS 570 IS SPECIALLY FORMULATED SYNTHETIC HYDROCARBON FLUID WHICH PROVIDES SUPERIOR PROTECTION AND PERFORMANCE IN ALL TYPES OF MECHANICAL VACUUM PUMPS. LONGER DRAIN INTERVALS, BETTER HEAT TRANSFER FOR COOLER RUNNING PUMPS AND EXCELLENT RESISTANCE TO THERMAL DEGRADATION COMBINE TO GIVE GREATER ADVANTAGES TO THIS OIL.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | 570001 |
| 4 L (4.23 QT) | 570004 |
| 12 L CASE (12 X 1.06 QT) | 570012 |
| 20 L (5.28 GAL) | 570020 |

PLUS 580

PLUS 580 IS A SYNTHETIC BLEND COMPOUNDED POLYALPHAOLEFIN WITH ORGANIC COMPOUNDS. IT IS EQUIVALENT TO AN SAE 15 WT. OIL. IT IS RECOMMENDED FOR BUSCH R5 SERIES PUMPS.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | 580-001 |
| 4 L (4.23 QT) | 580-004 |
| 12 L CASE (12 X 1.06 QT) | 580-012 |
| 20 L (5.28 GAL) | 580-020 |

PLUS 590

PLUS 590 IS A SEMI-SYNTHETIC FLUID FORMULATED FROM A SPECIALLY-REFINED HYDROCARBON BASE STOCK. IT OFFERS MANYADVANTAGES OVER A STANDARD HYDROCARBON OIL INCLUDING INCREASED OXIDATION AND TEMPERATURE STABILITY AND A GREATER RESISTANCE TO CARBON BUILD-UP.

| SIZE | PART NUMBER |
|--------------------------|-------------|
| 1 L (1.06 QT) | 590001 |
| 4 L (4.23 QT) | 590-004 |
| 12 L CASE (12 X 1.06 QT) | 590-012 |
| 20 L (5.28 GAL) | 590-020 |

SPECIFICATIONS

| | PLUS 530 | PLUS 570 | | |
|----------------------------|------------------------|------------------------|------------------------|--|
| VAPOR PRESSURE @ 25°C-TORR | < 1 x 10 ⁻⁴ | < 1 x 10 ⁻⁴ | | |
| EQUIVALENT SAE | 30 | 30 | | |
| VISCOSITY AT 40°C | 95 CST | 119.2 CST | | |
| VISCOSITY AT 100°C | 11 CST | 13.76 CST | | |
| POUR POINT | -12°C | -48°C | | |
| FLASH POINT | 250°C | 265°C | | |
| SPECIFIC GRAVITY (GM / ML) | 0.87 | 0.85 | | |
| TYPE | HYDRO | SYNTHETIC | | |
| | | | | |
| | PLUS 580 | PLUS 590 | PLUS 568 | |
| VAPOR PRESSURE @ 25°C-TORR | < 1 x 10 ⁻⁴ | < 1 x 10 ⁻⁴ | < 1 x 10 ⁻⁵ | |
| EQUIVALENT SAE | 15 | 30 | 30 | |
| VISCOSITY AT 40°C | 66.1 CST | 120.8 CST | 38.9 CST | |
| VISCOSITY AT 100°C | 9.6 CST | 12.5 CST | 5.5 CST | |
| POUR POINT | -45°C | -12°C | N/A | |
| FLASH POINT | 268°C | 266°C | 226°C | |
| SPECIFIC GRAVITY (GM / ML) | 0.84 | 1 | 0.95 | |
| TYPE | SYNTHETIC | SEMI | HYDRO | |

SELECT FROM AN EXTENDED RANGE OF FOMBLIN & SILICONE GREASES & LUBRICANTS FOR USE IN VACUUM PUMPS.

THE CORROSION RESISTANT PROPERTIES AND CHEMICAL INERTNESS OF THESE PRODUCTS RESULTS IN EXCELLENT LUBRICATING AND SEALING QUALITIES. THEY ALSO OFFER LOW VOLATILITY AND LOW VAPOR PRESSURES.

SPECIFICATIONS FOR EACH PRODUCT CAN BE FOUND ON THE FOLLOWING PAGE. MSDS SHEETS AVAILABLE UPON REQUEST OR ON OUR WEB SITE.

KRYTOX FLUIDS

KRYTOX 1506

KRYTOX 1506 IS RECOMMENDED FOR USE IN ROTARY VANE VACUUM PUMPS AND IS A DIRECT REPLACEMENT FOR MINERAL OIL IN TERMS OF VISCOSITY AND VAPOR PRESSURE.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPK1506-01 |
| 5 KIL BOTTLE (2660 ML) | PPK1506-05 |

KRYTOX 1514

KRYTOX 1514 IS RECOMMENDED FOR USE IN ROOTS-TYPE BOOSTER VACUUM PUMPS AND IS A DIRECT REPLACEMENT FOR MINERAL OIL IN TERMS OF VISCOSITY AND VAPOR PRESSURE.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPK1514-01 |
| 5 KIL BOTTLE (2660 ML) | PPK1514-05 |

KRYTOX 1525

KRYTOX 1525 IS RECOMMENDED FOR USE IN ROTARY VANE AND ROOTS-TYPE BOOSTER VACUUM PUMPS REQUIRING A HIGHER VISCOSITY FLUID.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPK1525-01 |
| 5 KIL BOTTLE (2660 ML) | PPK1525-05 |

FOMBLIN FLUIDS & GREASES

FOMBLIN Y 06/6

FOMBLIN Y06/6 IS RECOMMENDED FOR USE IN ROTARY VANE VACUUM PUMPS AND IS A DIRECT REPLACEMENT FOR MINERAL OIL IN TERMS OF VISCOSITY AND VAPOR PRESSURE.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPF06-01 |
| 8 KIL BOTTLE (4256 ML) | PPF06-08 |

FOMBLIN Y 14/6

FOMBLIN Y14/06 IS HIGHER VISCOSITY FLUID RECOMMENDED FOR USE IN ROTARY VANE VACUUM PUMPS WHERE HIGH OPERATIONAL TEMPERATURES ARE A CONSIDERATION.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPF14-01 |
| 8 KIL BOTTLE (4256 ML) | PPF14-08 |

FOMBLIN Y 16/6

FOMBLIN Y16/06 IS RECOMMENDED FOR USE IN ROOTS-TYPE BOOSTER VACUUM PUMPS AND IS A DIRECT REPLACEMENT FOR MINERAL OIL IN TERMS OF VISCOSITY AND VAPOR PRESSURE.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPF16-01 |
| 8 KIL BOTTLE (4256 ML) | PPF16-08 |

FOMBLIN Y 25/6

FOMBLIN 25/06 IS RECOMMENDED FOR USE IN ROTARY VANE AND ROOTS-TYPE BOOSTER VACUUM PUMPS REQUIRING A HIGHER VISCOSITY FLUID.

| SIZE | PART NUMBER |
|------------------------|-------------|
| 1 KIL BOTTLE (532 ML) | PPF25-01 |
| 8 KIL BOTTLE (4256 ML) | PPF25-08 |

FOMBLIN UT 18

UT 18 HAS A LOW VAPOR PRESSURE, HIGH DEGREE OF CHEMICAL INERTNESS, EXCELLENT LUBRICITY, COMPATIBLE WITH METALS, PLASTICS AND ELASTOMERS, NON-FLAMMABLE. OPERATING TEMPERATURE RANGE - 30DEG C TO 151DEG C.

| SIZE | PART NUMBER |
|-----------|-------------|
| 100 GRAMS | PPUT18 |

FOMBLIN AR 555

AR 555 IS A HIGH PERFORMANCE PERFLUORINATED GREASE. AR 555 IS DESIGNED FOR DRY PUMP APPLICATIONS. OPERATING TEMPERATURE RANGE - 20DEGC TO 250DEGC.

| SIZE | PART NUMBER |
|-----------|-------------|
| 100 GRAMS | PPAR555 |

SPECIFICATIONS

| | FOMBLIN Y06/6 | FOMBLIN Y14/6 | FOMBLIN Y16/6 |
|--------------------------|------------------------|------------------------|------------------------|
| VAPOR PRESSURE @ 20°C | 4 x 10 ⁻⁶ | 2 x 10 ⁻⁷ | 3 x 10 ⁻⁶ |
| VAPOR PRESSURE @ 100°C | 5 x 10 ⁻³ | N/A | 1 x 10 ⁻³ |
| SPECIFIC GRAVITY @ 15°C | 1.88 | 1.89 | 1.89 |
| POUR POINT °C | -50°C | -45°C | -45°C |
| FLASH POINT °C | N/A | N/A | N/A |
| VISCOSITY @ 20°C | 60 CST | 148 CST | 160 CST |
| VISCOSITY CST @ 40°C | 25 CST | N/A | 48 CST |
| | FOMBLIN Y25/6 | KRYTOX 1506 | KRYTOX 1514 |
| VAPOR PRESSURE @ 20°C | 4 x 10 ⁻⁸ | 5.2 x 10 ⁻⁷ | 2.6 x 10 ⁻⁷ |
| VAPOR PRESSURE @ 100°C | 6 x 10 ⁻⁵ | 1.3 x 10 ⁻³ | 1.3 x 10 ⁻⁴ |
| SPECIFIC GRAVITY @ 15°C | 1.9 | 1.88 | 1.89 |
| POUR POINT °C | -35°C | -45°C | -40°C |
| FLASH POINT °C | N/A | N/A | N/A |
| VISCOSITY CST @ 20°C | 276 CST | 70 CST | 140 CST |
| VISCOSITY CST @ 40°C | 80 CST | 22 CST | 48 CST |
| | KRYTOX 1525 | | |
| VAPOR PRESSURE @ 20°C | 1.3 x 10 ⁻⁷ | | |
| VAPOR PRESSURE @ 100°C | 3.9 x 10 ⁻⁵ | | |
| SPECIFIC GRAVITY @ 15°C | 1.9 | | |
| POUR POINT °C - | 35°C | | |
| FLASH POINT °C | N/A | | |
| VISCOSITY CST @ 20°C | 250 CST | | |
| | UT 18 | | |
| PENETRATION WORKED MM/10 | 285 | | |
| TEMP RANGE °C | -30 / 250°C | | |
| (30 HRS @ 204°C) | N/A | | |
| DENSITY (25°C) G/ML | 1.92 | | |
| | AR 555 | | |
| PENETRATION WORKED MM/10 | 281 | | |
| TEMP RANGE °C | -20 / 250°C | | |
| (30 HRS @ 204°C) | 6.8 | | |
| DENSITY (25°C) G/ML | 1.96 | | |

CROSS REFERENCE

| | ALCATEL | BUSCH | EDWARDS | LEYBOLD | KINNEY | STOKES | VARIAN | WELCH |
|-----------|---------|-------|----------------|--------------|-------------|------------|--------|---------|
| PLUS 19 | 100/119 | | SUPER A | HE-175 | A & SUPER X | V LUBE J | GP | |
| PLUS 20 | 200 | | ED 20 | HE-200 | | V LUBE L | CS | |
| PLUS 70 | | | | HE-700, GS77 | | | | |
| PLUS UG19 | | | ULTRA GRADE 19 | | | | | PREMIUM |
| PLUS UG20 | | | ULTRA GRADE 20 | | | | | |
| PLUS UG70 | | | ULTRA GRADE 70 | | | | | |
| PLUS 100 | | | | HE-100 | LT | | | |
| PLUS DUO | | | ED 15 | HE-125 | LORAX | | | DUOSEAL |
| PLUS GOLD | | | ED 45 | HE-275 | | | | GOLD |
| PLUS 77 | 102 | | ED 16 | HE-150 | KV-100 | V LUBE B/F | | |
| PLUS 87 | | | | | | V LUBE G | | |
| PLUS 97 | | | | | | V LUBE H | | |
| PPL500 | | | | HE-500 | | | | |
| PLUS TW | 300 | | ED TW | HE-400 | | V LUBE T | | |
| PLUS FF | | | | | | | | |
| PLUS 530 | | R-530 | | | S | | | |
| PLUS 540 | | R-540 | | | | | | |
| PLUS 570 | 111 | R-570 | | | | | | |
| PLUS 580 | | R-580 | | | | | | |
| PLUS 590 | | R-590 | | | | | | |
| PLUS 568 | | R-568 | | | | | | |