



PETRONAS

Industrial Global Grease PORTFOLIO

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PETRONAS

Grease Types and TECHNICAL Requirements

Grease Marketing Category

LITHIUM GREASE

	Base Stock & Product Name	Soap Type	Solid content
Standard	Mineral 1. PETRONAS Grease Li 2	Lithium	-
Premium	Mineral with high performance "Type GC-LB additives"* 2. PETRONAS Grease Li EP 2 3. PETRONAS Grease Li PT	Lithium	-
Premium	Mineral 4. PETRONAS Grease Li AS 5. PETRONAS Tutela SP Grease	Lithium	MoS ₂ , Graphite or Copper

Standard Lithium Grease

PETRONAS GREASE Li 2

**INTERNATIONAL
SPECIFICATION**

**DIN 51502
K2K-30**

**ISO 12924
XCCHA2**

PROPERTY REQUIREMENTS

Test	Li 2	Test Method
Thickener Type	Lithium	-
NLGI	2	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	30	ASTM D217
Oil Separation, Mass %, Max.	6	ASTM D1742
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball Wear, mm, Max.	0.60	ASTM D2266
Four Ball EP Weld Point, Min.	160	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	15	ASTM D1831
Water Washout, %, Max.	15	ASTM D1264
Rust Protection, rating	Pass	ASTM D1743
Base Oil Viscosity @40°C, cSt	90 - 110	ASTM D445

Premium Lithium Grease

PETRONAS GREASE Li EP 2

INTERNATIONAL SPECIFICATION

**DIN 51502
KP2K-30**

**ISO 12924
XCCHB2**

PROPERTY REQUIREMENTS

Test	Li EP 2	Test Method
Thickener Type	Lithium	-
NLGI	2	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	25	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP W. Point, Min.	250	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	15	ASTM D1831
Wheel Bearing Leakage, grams, Max.	8	ASTM D4290
Water Washout, %, Max.	12	ASTM D1264
Rust Protection, rating	Pass	ASTM D1743
Base Oil Visc. @40°C, cSt	140 - 160	ASTM D445

Premium Lithium Grease

PETRONAS GREASE Li PT

PROPERTY REQUIREMENTS		
Test	Li PT	Test Method
Thickener Type	Lithium	-
NLGI	1.5	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	295 - 310	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	10	ASTM D217
Oil Separation, Mass %, Max.	3	ASTM D1742
Dropping Point, °C, Min.	180	ASTM D2265
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	15	ASTM D1831
Water Washout, %, Max.	6	ASTM D1264
Rust Protection, rating	Pass	ASTM D1743
Oxidation Stability, kPa 100 hrs. 400 hrs. 1000 hrs.	30 110 200	ASTM D942
SKF Emcor Distilled Water	0-0	ISO 11007
Base Oil Viscosity @40°C, cSt	90 - 110	ASTM D445

Premium Lithium Grease

PETRONAS GREASE Li AS

INTERNATIONAL SPECIFICATION

DIN 51502

K1.5G-30

ISO 12924

XCBA1.5

PROPERTY REQUIREMENTS

Test	Li AS	Test Method
Thickener Type	Lithium	-
NLGI	1.5	ASTM D217
Color	Copper	Visual
Worked Penetration, mm/10	300 - 330	ASTM D217
Worked Penetration 100.000x, mm/10	+30	ASTM D217
Oil Separation, Mass %, Max.	10	ASTM D1742
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball EP Weld Point, Min.	200	ASTM D2596
Total Solid Content, %	33%	Calculated
Base Oil Viscosity @40°C, cSt	90 - 110	ASTM D445

Premium Lithium Grease

PETRONAS TUTELA SP GREASE

INTERNATIONAL
SPECIFICATION

DIN 51502

KP2K-20

ISO 12924

XCCIB2

PROPERTY REQUIREMENTS

Test	Tutela SP	Test Method
Thickener Type	Lithium	-
NLGI	2	ASTM D217
Color	Grey	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	15	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	250	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	15	ASTM D1831
Wheel Bearing Leakage, grams, Max.	8	ASTM D4290
Water Washout, %, Max.	6	ASTM D1264
Rust Protection, rating, Max.	Pass	ASTM D1743
Molybdenum Disulfide, Mass %	1%	-
Base Oil Viscosity @40°C, cSt	140 - 160	ASTM D445

Grease Marketing Category

LITHIUM COMPLEX GREASE

	Base Stock & Product Name	Soap Type	Solid content
Standard	Mineral 6. PETRONAS Grease LiX 2/170 7. PETRONAS Tutela WB Grease	-	-
Premium	Mineral NLGI GC-LB 8. PETRONAS Grease LiX EP 2/380	Lithium Complex	-
Premium	Mineral 9. PETRONAS Grease LiX MEP	Lithium Complex	MoS ₂ &/or Graphite
Supreme	Synthetic 10. PETRONAS Grease LiX SYN 1/1500 11. PETRONAS Grease LiX SYN 2/100 12. PETRONAS Grease LiX SYN 2/220 13. PETRONAS Grease LiX SYN 2/460	Lithium Complex	-

Standard Complex Lithium Grease

PETRONAS GREASE LiX 2/170



Approvals

- Mercedes Benz 265.1
- Volvo Std 1277.2 (97720)
- MAN 284 Li-H 2
- Proven performance in Scania trucks

PROPERTY REQUIREMENTS		
Test	LiX 2/170	Test Method
Thickener Type	Lithium Complex	-
NLGI	2	ASTM D217
Color	Green	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	250	ASTM D2596
FAG FE 9 Test	F50>100h	DIN 51821-02-A/1500/6000-150
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	15	ASTM D1831
Water Resistance	0-90	DIN 51807/1
SKF Emcor Distilled Water	0-0	ISO 11007
Copper Strip Test	Degree 1	DIN 51811
Base Oil Viscosity @40°C, cSt	160 - 180	ASTM D445

Standard Complex Lithium Grease

PETRONAS TUTELA WB GREASE

INTERNATIONAL SPECIFICATION

DIN 51502

KP2.5N-20

ISO 12924

XBDIB2.5

PROPERTY REQUIREMENTS

Test	Tutela WB	Test Method
Thickener Type	Lithium Complex	-
NLGI	2.5	ASTM D217
Color	Green	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	10	ASTM D1831
Wheel Bearing Leakage, grams, Max.	8	ASTM D4290
Water Washout, %, Max.	8	ASTM D1264
Water Spray Off, %, Max.	20	ASTM D4049
Rust Protection, rating, Max.	Pass	ASTM D1743
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Premium Complex Lithium Grease

PETRONAS GREASE LiX EP 2/380



PROPERTY REQUIREMENTS		
Test	LiX EP 2/380	Test Method
Thickener Type	Lithium Complex	-
NLGI	2	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	10	ASTM D1831
Wheel Bearing Leakage, grams, Max.	8	ASTM D4290
Water Washout, %, Max.	8	ASTM D1264
Water Spray Off, %, Max.	20	ASTM D4049
Rust Protection, rating, Max.	Pass	ASTM D1743
Base Oil Viscosity @40°C, cSt	390 - 410	ASTM D445

INTERNATIONAL
SPECIFICATION

DIN 51502

KP2N-20

ISO 12924

XBDIB2

Premium Complex Lithium Grease

PETRONAS GREASE LiX MEP

INTERNATIONAL SPECIFICATION

DIN 51502

KFP2N-20

ISO 12924

XBDIB2

PROPERTY REQUIREMENTS

Test	LiX MEP	Test Method
Thickener Type	Lithium Complex	-
NLGI	2	ASTM D217
Color	Grey	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Oil Separation, Mass %, Max.	5	ASTM D1742
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	10	ASTM D1831
Wheel Bearing Leakage, grams, Max.	8	ASTM D4290
Water Washout, %, Max.	8	ASTM D1264
Water Spray Off, %, Max.	20	ASTM D4049
Rust Protection, rating, Max.	Pass	ASTM D1743
Molybdenum Disulfide, Mass %	3	Calculated
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Supreme Complex Lithium Grease

PETRONAS GREASE LiX SYN 1/1500

PROPERTY REQUIREMENTS		
Test	LiX SYN 1/1500	Test Method
Thickener Type	Lithium Complex	-
NLGI	1	ASTM D217
Color	Beige	Visual
Worked Penetration, mm/10	310 - 340	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.70	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	12	ASTM D1831
Base Oil Viscosity @40°C, cSt	1450 - 1550	ASTM D445

INTERNATIONAL
SPECIFICATION

DIN 51502

KPHC1N-30

ISO 12924

XDDIB1

Supreme Complex Lithium Grease

PETRONAS GREASE LiX SYN 2/100 & LiX SYN 2/220

INTERNATIONAL
SPECIFICATION

DIN 51502

KPHC2N-40

ISO 12924

XDDIB2

PROPERTY REQUIREMENTS

Test	LiX SYN 2/100	LiX SYN 2/220	Test Method
Thickener Type	Lithium Complex	Lithium Complex	-
NLGI	2	2	ASTM D217
Color	Beige	Beige	Visual
Worked Penetration, mm/10	265 - 295	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	20	ASTM D217
Dropping Point, °C, Min.	260	260	ASTM D2265
Four Ball Wear, mm, Max.	0.70	0.70	ASTM D2266
Four Ball EP Weld Point, Min.	315	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	12	12	ASTM D1831
Base Oil Viscosity @40°C, cSt	90 - 110	210 - 230	ASTM D445

Supreme Complex Lithium Grease

PETRONAS GREASE LiX SYN 2/460

INTERNATIONAL SPECIFICATION

DIN 51502

KPHC2N-40

ISO 12924

XDDIB2

PROPERTY REQUIREMENTS

Test	LiX SYN 2/460	Test Method
Thickener Type	Lithium Complex	-
NLGI	2	ASTM D217
Color	Beige	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	260	ASTM D2265
Four Ball Wear, mm, Max.	0.70	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	12	ASTM D1831
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Grease Marketing Category

LITHIUM CALCIUM GREASE

	Base Stock & Product Name	Soap Type	Solid content
Premium	Mineral 14. PETRONAS Grease LiCa GEP 0 15. PETRONAS Grease LiCa GEP 2.5 16. PETRONAS Grease LiCa MG HL 17. PETRONAS Grease LiCa MG XHL	Lithium Calcium	MoS ₂ &/or Graphite
Supreme	Semi Synthetic 18. PETRONAS Grease TMG	Lithium Calcium	-

Premium Lithium Calcium Grease

PETRONAS Grease LiCa GEP 0

INTERNATIONAL
SPECIFICATION

DIN 51502

GPF0K-20

ISO 12924

XBCHB0

PROPERTY REQUIREMENTS

Test	LiCa GEP 0	Test Method
Thickener Type	Lithium Calcium	-
NLGI	0	ASTM D217
Color	Dark Grey	Visual
Worked Penetration, mm/10	355 - 385	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball Wear, mm, Max.	0.60	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	10	ASTM D1831
Water Washout @38°C, %, Max.	10	ASTM D1264
Graphite, Mass %	10	Calculated
Base Oil Viscosity @40°C, cSt	510 - 530	ASTM D445

Premium Lithium Calcium Grease

PETRONAS Grease LiCa GEP 2.5

INTERNATIONAL
SPECIFICATION

DIN 51502

OGPF2.5K-20

ISO 12924

XBCIB2.5

PROPERTY REQUIREMENTS

Test	LiCa GEP 2.5	Test Method
Thickener Type	Lithium Calcium	-
NLGI	2.5	ASTM D217
Color	Dark Grey	Visual
Worked Penetration, mm/10	245 - 275	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball EP Weld Point, Min.	400	ASTM D2596
Graphite, Mass %	10	Calculated
Base Oil Viscosity @40°C, cSt	490 - 510	ASTM D445

Premium Lithium Calcium Grease

PETRONAS Grease LiCa MG HL

INTERNATIONAL SPECIFICATION

DIN 51502

XPF2K-20

ISO 12924

XBCHB2

PROPERTY REQUIREMENTS

Test	LiCa MG HL	Test Method
Thickener Type	Lithium Calcium	-
NLGI	2	ASTM D217
Color	Dark Grey	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball EP Weld Point, Min.	400	ASTM D2596
Molybdenum Disulfide, Mass %	2	Calculated
Graphite, Mass %	3	Calculated
Base Oil Viscosity @40°C, cSt	660 - 680	ASTM D445

Premium Lithium Calcium Grease

PETRONAS Grease LiCa MG XHL

**INTERNATIONAL
SPECIFICATION**

DIN 51502

KPF2K-20

ISO 12924

XBCHB2

PROPERTY REQUIREMENTS

Test	LiCa MG XHL	Test Method
Thickener Type	Lithium Calcium	-
NLGI	2	ASTM D217
Color	Black	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball EP Weld Point, Min.	800	ASTM D2596
Molybdenum Disulfide, Mass %	2	Calculated
Graphite, Mass %	3	Calculated
Base Oil Viscosity @40°C, cSt	920 - 940	ASTM D445

Supreme Lithium Calcium Grease

PETRONAS Grease LiCa TMG

INTERNATIONAL
SPECIFICATION

DIN 51502

GPHCOK-20

ISO 12924

XBCHB0

PROPERTY REQUIREMENTS

Test	LiCa TMG	Test Method
Thickener Type	Lithium Calcium	-
NLGI	0	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	355 - 385	ASTM D217
Worked Penetration 100.000x, mm/10, Max	20	ASTM D217
Dropping Point, °C, Min.	180	ASTM D2265
Four Ball Wear, mm, Max.	0.40	ASTM D2266
Four Ball EP Weld Point, Min.	315	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	10	ASTM D1831
Base Oil Viscosity @40°C, cSt	1950 - 2050	ASTM D445

Grease Marketing Category

CALCIUM GREASE

	Base Stock & Product Name	Soap Type	Solid content
Standard	Mineral 19. PETRONAS Grease Ca 00	Hydrated Calcium	-
Supreme	Mineral or Synthetic 20. PETRONAS Grease CaSX	Calcium Sulfonate Complex	MoS ₂ &/or Graphite or Nothing

Standard Calcium Grease

PETRONAS Grease Ca 00

INTERNATIONAL SPECIFICATION

DIN 51502

KF00D-20

ISO 12924

XBAAA00

PROPERTY REQUIREMENTS

Test	Ca 00	Test Method
Thickener Type	Calcium	-
NLGI	00	ASTM D217
Color	Brown with tint	Visual
Worked Penetration, mm/10	400 - 430	ASTM D217
Oil Separation, Mass %, Max.	6	ASTM D1742
Dropping Point, °C, Min.	60	ASTM D2265
Copper Corrosion	1a	ASTM D4048
Rust Protection, rating	Pass	ASTM D1743
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Supreme Calcium Sulfonate Complex Grease

PETRONAS GREASE CaSX

**INTERNATIONAL
SPECIFICATION**

DIN 51502

KP2N-30

ISO 12924

XCDIB2

PROPERTY REQUIREMENTS

Test	CaSX	Test Method
Thickener Type	Calcium Sulfonate Complex	-
NLGI	2	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	5	ASTM D217
Dropping Point, °C, Min.	300	ASTM D2265
Four Ball Wear, mm, Max.	0.40	ASTM D2266
Four Ball EP Weld Point, Min.	620	ASTM D2596
Emcor Salt Water, Max.	1-1	ISO 11007
Water Resistance @90°C	1	DIN 51807:1
Base Oil Viscosity @40°C, cSt	210 - 230	ASTM D445

Grease Marketing Category

CLAY GREASE

Premium	Base Stock & Product Name	Soap Type	Solid content
	Mineral 21. PETRONAS Grease Clay MEP 22. PETRONAS Grease Clay MG	Clay	MoS ₂

Premium Clay Grease

PETRONAS GREASE Clay MEP

INTERNATIONAL
SPECIFICATION

DIN 51502

KF1N-20

ISO 12924

XBDAA1

PROPERTY REQUIREMENTS

Test	Clay MEP	Test Method
Thickener Type	Clay	-
NLGI	1	ASTM D217
Color	Grey	Visual
Worked Penetration, mm/10	310 - 340	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	20	ASTM D217
Dropping Point, °C, Min.	Non-Melt	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	200	ASTM D2596
Shell Roll Stability – 24 hrs., % of Penetration Change, Max.	20	ASTM D1831
Molybdenum Disulfide, Mass %	1	Calculated
Oil Separation, Mass %, Max.	6	ASTM D1742
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Premium Clay Grease

PETRONAS GREASE Clay MG

INTERNATIONAL SPECIFICATION

DIN 51502

OGF1K-10

ISO 12924

XCHB1

PROPERTY REQUIREMENTS

Test	Clay MG	Test Method
Thickener Type	Clay	-
NLGI	1	ASTM D217
Color	Black	Visual
Worked Penetration, mm/10	310 - 340	ASTM D217
W. Penetration 100.000x, % of Penetration Change, Max.	20	ASTM D217
Dropping Point, °C, Min.	Non-Melt	ASTM D2265
Water Resistance @90°C	0	DIN 51807:1
Water Washout @38°C, %, Max.	10	ASTM D1264
Molybdenum Disulfide, Mass %	2	Calculated
Graphite, Mass %	6	Calculated
Base Oil Viscosity @40°C, cSt	1450 - 1550	ASTM D445

Grease Marketing Category

	Base Stock & Product Name	Soap Type	Solid content
Premium	Mineral Pharmaceutical White Oil 23. PETRONAS Grease FG	Aluminum Complex	-
Supreme	Mineral or Synthetic 24. PETRONAS Grease PU	Polyurea	-
Supreme	Mineral 25. PETRONAS Grease PE HS	Polyethylene	-

Premium Aluminium Complex Grease

PETRONAS GREASE FG

**INTERNATIONAL
SPECIFICATION**

DIN 51502

KP2K-20

ISO 12924

XBCDB2

PROPERTY REQUIREMENTS

Test	FG	Test Method
Thickener Type	Aluminium Complex	-
NLGI	2	ASTM D217
Color	White	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Dropping Point, °C, Min.	235	ASTM D2265
Four Ball Wear, mm, Max.	0.70	ASTM D2266
Four Ball EP Weld Point, Min.	500	ASTM D2596
Oxidation Stability 100 hours	30	ASTM D942
Base Oil Viscosity @40°C, cSt	450 - 470	ASTM D445

Supreme Polyurea Grease

PETRONAS GREASE PU

**INTERNATIONAL
SPECIFICATION**

DIN 51502

KP2N-20

ISO 12924

XDDHA2

PROPERTY REQUIREMENTS

Test	PU	Test Method
Thickener Type	Polyurea	-
NLGI	2	ASTM D217
Color	Blue	Visual
Worked Penetration, mm/10	265 - 295	ASTM D217
Dropping Point, °C, Min.	275	ASTM D2265
Four Ball Wear, mm, Max.	0.50	ASTM D2266
Four Ball EP Weld Point, Min.	200	ASTM D2596
Base Oil Viscosity @40°C, cSt	90 - 110	ASTM D445

Supreme Polyethylene Grease

PETRONAS GREASE PE HS

INTERNATIONAL SPECIFICATION

DIN 51502

GP1H-20

ISO 12924

XBBHB1

PROPERTY REQUIREMENTS

Test	PE HS	Test Method
Thickener Type	Polyethylene	-
NLGI	1	ASTM D217
Color	Brown	Visual
Worked Penetration, mm/10	310 - 340	ASTM D217
Dropping Point, °C, Min.	210	ASTM D2265
Koppers method, K36, 24h, %, Max.	24	ASTM D4425
Four Ball EP Weld Point, Min.	315	ASTM D2596
Base Oil Viscosity @40°C, cSt	660 - 680	ASTM D445

THANK YOU

The background features a series of overlapping, semi-transparent teal triangles and polygons. These shapes are arranged in a way that creates a sense of depth and movement, with some shapes appearing to recede into the background while others come forward. The overall effect is a modern, minimalist design that complements the 'THANK YOU' text.